THINK INDIA JOURNAL

ISSN:0971-1260
Vol-22- Issue-35-December-2019

Highly confidential Security System

1.Juttiga Revathi Sri

Dept of CS ,
SVKP & Dr K S Raju Arts & Science College, Penugonda, A.P, India,

2.Karri Lakshmana Reddy

Associate Professor,Dept of CS,
SVKP & Dr K S Raju Arts & Science College, Penugonda, A.P, India.

Abstract -The proposed project is Highly Confidential Security System. As per the rapid growth of constructing security system for storing highly confidential information with less storage and computational complexities .we proposed a system that organizes the data effectively. It provides mechanism to store information securely and accurately .which try to automate the entire process d in the view of database integration approach with highly confidential security.It maintains user data in encrypted form using cryptographic algorithms. We use Elliptic Curve Cryptography security algorithms as many devices are small and have limited storage and computational power. As ECC key length is short so encryption decryption and signature verification can be done with less time complexity and with reduced.

1. INTRODUCTION

Objective:

The objective of this application is to develop a system due to busy life style we can't remember all confidential data like All maid Id, Password, All bank account no, Insurance policy No, PAN NO, Driving License No, Pass Port No, All education certificate Numbers, Some highly value scan copy, so we can store confidential data in single credentials.

The purpose is to maintain a centralized repository of information which can be managed and accessed in a convenient manner. The system allows maintaining a centralized database with facilities to insert, edit and delete data as necessary in securely.

Scope:

This Project gives security on how personal data is to be stored, handled andProtected under the following Personal Confidential data:-

- All mail ids, passwords
- All bank account no
- Insurance policy No
- PAN NO
- Driving License No
- All education certificate Numbers
- Some highly value scan copy
- Some confidential photo and music, videos.

Theoretical Background:

- This interface all the activities of all the users.
- This system act as a standard interface between the users stored confidential data in single credential.

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- Users must know their activities like educational details, mail details, passport details, insurance details, banks details etc.

How it works –the concept:

To provide flexibility to the users, the interface have been developed that are accessible through a browser. The GUI'S at the top level have been categorized as

- Administrative user interface
- The operational or generic user interface

The' Administrative user interface' concentrates on the consistent information that is practically , party of the organizational activities and which needs proper authentication for the data collection .The interface help the administrators with all the transactional state like Data and Data updating along with the extensive data search capabilities.

The 'operational or generic user interface' helps the end users of the system in transactions through the existing data and required services. The operational user interface also helps the ordinary user in man aging their own information in a customized manner as per the included flexibilities.

Definition to the problem:

The system involves paper work in the form of maintaining various files and manuals. Maintaining critical information in the files and manuals is a full of risk and a tedious process. This system does not have the capability of security for different users.There is no registration and profile management implemented in the existing system.The existing system user interface does not provide the interface for interaction with various security concepts.

- We should store confidential information in files or disks or any other manual system is not secure.
- The manual system will not provide the more security information.
- If system gets any damage, there may be chance to lose the data.
- Data inconsistencies and loss of data may result because of data mismanagement.
- So this is total manual system and system will not provide any security to user data.

System analysis and system design

Introduction:

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Scope for analysis:

The proposed system targets,the workflow automation of user's details, which involves secure and updating and viewing users details .The present system maintains the details of the users manually. So this way users forgets his/her details and all confidential details will be lost.

The scope assigned in the "HIGHLY CONFIDENTIAL SECURITY SYSTEM (HCCS)" project for development is capable to the users.

Objectives and success criteria of the problem:

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2. OVERVIEW OF THESYSTEM

Current system:

In these present days there is no system provided for this kind of feature where we should store secure information in files or disk drives. So this is total manual system and system will not provide any security to user data .If system gets any damage, there may be chance to lose the data.

Proposed System:

So we can develop highly security web application (Elliptic Curve Cryptography security algorithm). So we can store all confidential data in single credentials.

The development of this new system contains the following activities, which try to automate the entire process keeping in the view of database integration approach with highly confidential security.

- This system maintains user data in encryption description format using algorithms.
- This system maintains user's personal, address, and contact details.
- User friendliness is provided in the application with various controls provided by system rich user interface.
- This system makes the overall project management much easier and flexible.
- Various classes have been used for maintain the details of all the users and catalog.
- Authentication is provided for this application only registered users can access.
- Report generation features is provided using to generate different kind of reports.
- The system provides facilities to maintain bank account information.
- The system provides facilities to maintain Mails, password account information.
- The system provides facilities to maintain all education information marks memo, scanned copies information.
- The system provides facilities to maintain License, passport, insurances account information.
- The system provides facilities to maintain personal Files Information videos, images account information.
- System provides facility to online user registration.
- This system is providing more memory for the users to maintain data.

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Functional Requirements

Functional requirements describe the interaction between the system and its environment independent of its implementation .The environment includes the user and other system with the system interact.

The proposed system holds the following requirements:

- Every Administrator, user has a login with a valid username and password.
- The Administrator can view users, delete or reject user authentication.
- Each and every user can authenticate by the administrator.
- Every user can be identified by their user Id's.
- Users can add, view, update and delete their personal details.

3.SYSTEMDESIGN

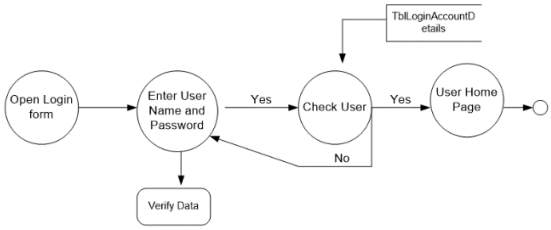


Fig 3.1: Data Flow Diagram for Admin

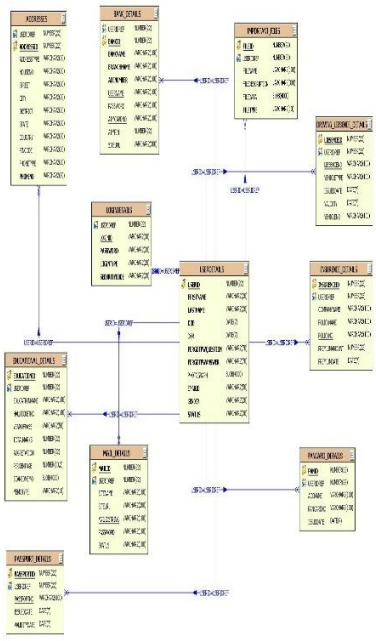


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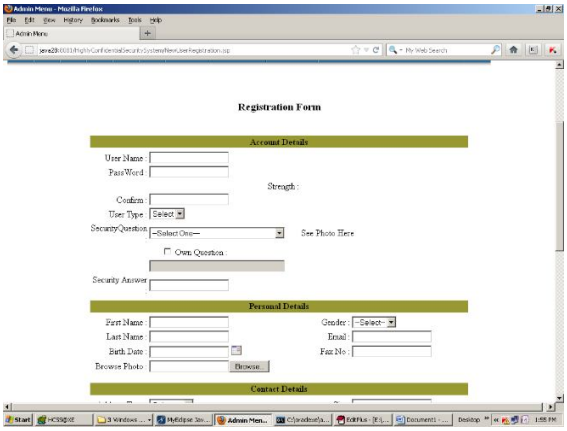


Fig4.2: Regoistration Form Page



Fig 4.3: Users Page



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BENEFITS:

The project is identified by the merits of the system offered to the user. The merits of this project are as follows: -

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- Sometimes the user finds in the later stages of using project that he needs to update some of the information that he entered earlier. There are options for him by which he can update the records. Moreover there is restriction for his that he cannot change the primary data field. This keeps the validity of the data to longer extent.
- User is provided the option of monitoring the records he entered earlier. He can see the desired records with the variety of options provided by him.
- From every part of the project the user is provided with the links through framing so that he can go from one option of the project to other as per the requirement. This is bound to be simple and very friendly as per the user is concerned. That is, we can sat that the project is user friendly which is one of the primary concerns of any good project.
- Data storage and retrieval will become faster and easier to maintain because data is stored in a systematic manner and in a single database.
- Decision making process would be greatly enhanced because of faster processing of information since data collection from information available on computer takes much less time then manual system.
- Allocating of sample results becomes much faster because at a time the user can see the records of last years.
- Easier and faster data transfer through latest technology associated with the computer and communication.
- Through these features it will increase the efficiency, accuracy and transparency,

LIMITATIONS:

The size of the database increases day-by-day, increasing the load on the database back up and data maintenance activity.
Training for simple computer operations is necessary for the users working on the system.

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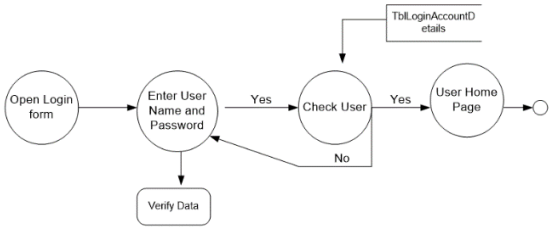


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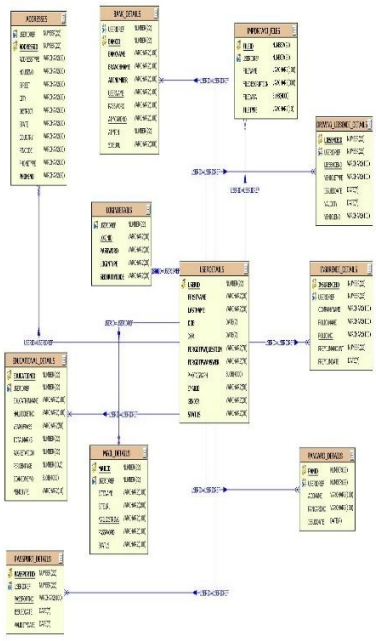


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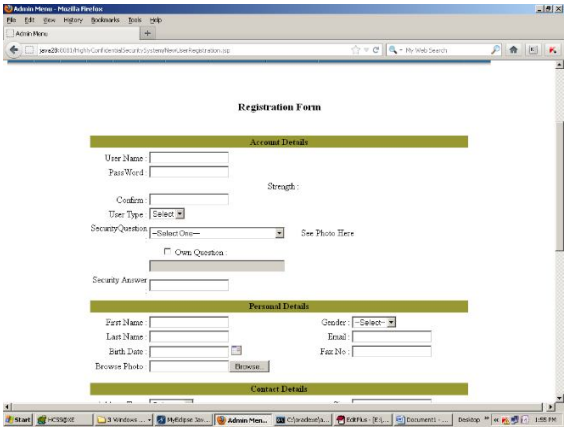


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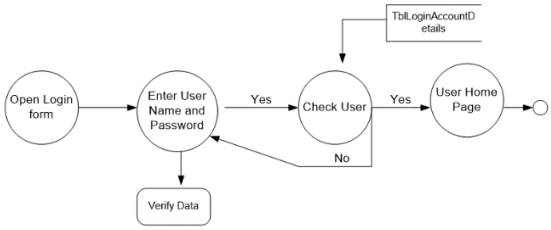


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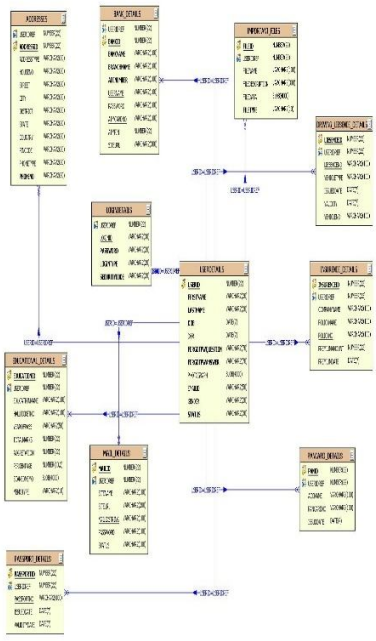


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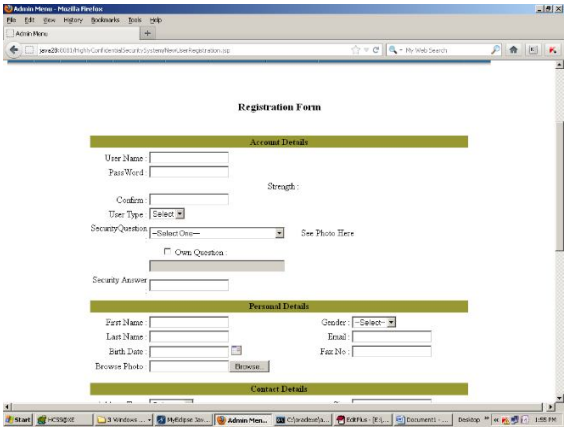


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- From every part of the project the user is provided with the links through framing so that he can go from one option of the project to other as per the requirement. This is bound to be simple and very friendly as per the user is concerned. That is, we can sat that the project is user friendly which is one of the primary concerns of any good project.
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- Decision making process would be greatly enhanced because of faster processing of information since data collection from information available on computer takes much less time then manual system.
- Allocating of sample results becomes much faster because at a time the user can see the records of last years.
- Easier and faster data transfer through latest technology associated with the computer and communication.
- Through these features it will increase the efficiency, accuracy and transparency,

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Training for simple computer operations is necessary for the users working on the system.

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Highly confidential Security System

1.Juttiga Revathi Sri

Dept of CS ,
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2.Karri Lakshmana Reddy

Associate Professor,Dept of CS,
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1. INTRODUCTION

Objective:

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The purpose is to maintain a centralized repository of information which can be managed and accessed in a convenient manner. The system allows maintaining a centralized database with facilities to insert, edit and delete data as necessary in securely.

Scope:

This Project gives security on how personal data is to be stored, handled andProtected under the following Personal Confidential data:-

- All mail ids, passwords
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Theoretical Background:

- This interface all the activities of all the users.
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- Users must know their activities like educational details, mail details, passport details, insurance details, banks details etc.

How it works –the concept:

To provide flexibility to the users, the interface have been developed that are accessible through a browser. The GUI'S at the top level have been categorized as

- Administrative user interface
- The operational or generic user interface

The' Administrative user interface' concentrates on the consistent information that is practically , party of the organizational activities and which needs proper authentication for the data collection .The interface help the administrators with all the transactional state like Data and Data updating along with the extensive data search capabilities.

The 'operational or generic user interface' helps the end users of the system in transactions through the existing data and required services. The operational user interface also helps the ordinary user in man aging their own information in a customized manner as per the included flexibilities.

Definition to the problem:

The system involves paper work in the form of maintaining various files and manuals. Maintaining critical information in the files and manuals is a full of risk and a tedious process. This system does not have the capability of security for different users.There is no registration and profile management implemented in the existing system.The existing system user interface does not provide the interface for interaction with various security concepts.

- We should store confidential information in files or disks or any other manual system is not secure.
- The manual system will not provide the more security information.
- If system gets any damage, there may be chance to lose the data.
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- So this is total manual system and system will not provide any security to user data.

System analysis and system design

Introduction:

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Scope for analysis:

The proposed system targets,the workflow automation of user's details, which involves secure and updating and viewing users details .The present system maintains the details of the users manually. So this way users forgets his/her details and all confidential details will be lost.

The scope assigned in the "HIGHLY CONFIDENTIAL SECURITY SYSTEM (HCCS)" project for development is capable to the users.

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2. OVERVIEW OF THESYSTEM

Current system:

In these present days there is no system provided for this kind of feature where we should store secure information in files or disk drives. So this is total manual system and system will not provide any security to user data .If system gets any damage, there may be chance to lose the data.

Proposed System:

So we can develop highly security web application (Elliptic Curve Cryptography security algorithm). So we can store all confidential data in single credentials.

The development of this new system contains the following activities, which try to automate the entire process keeping in the view of database integration approach with highly confidential security.

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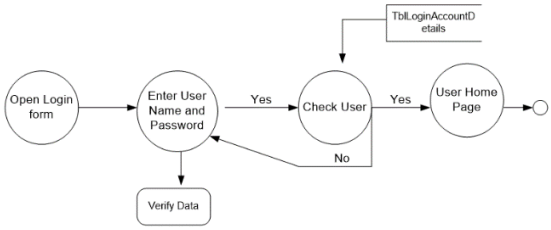


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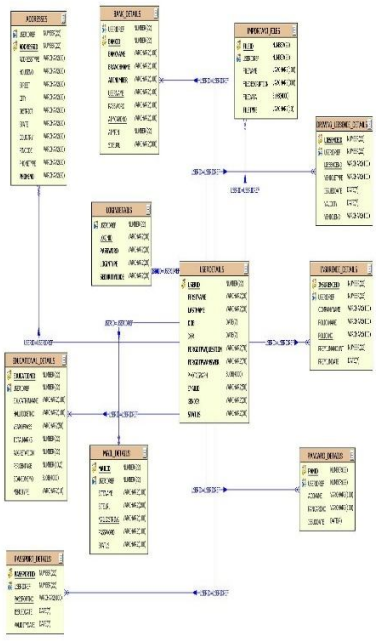


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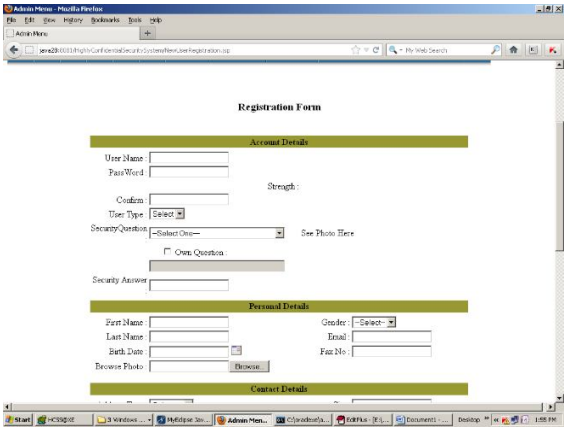


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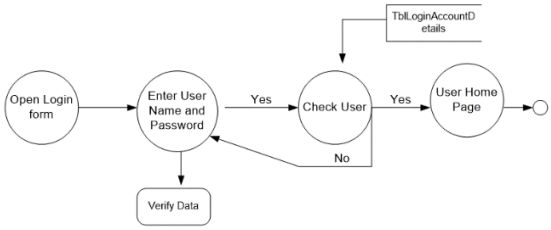


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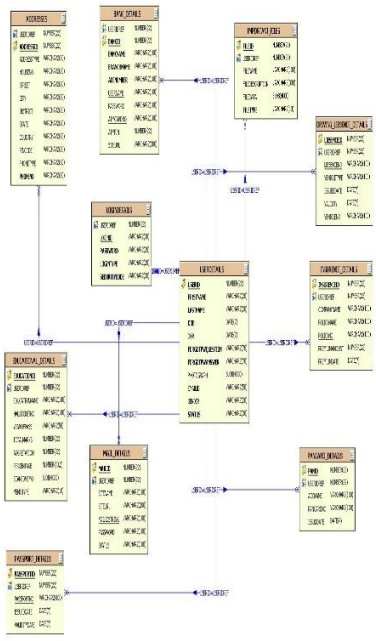


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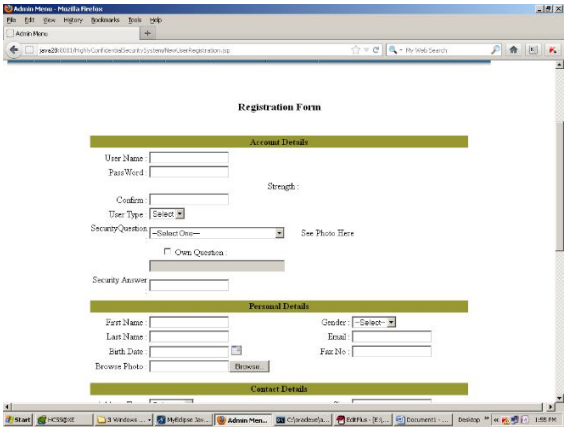


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- Through these features it will increase the efficiency, accuracy and transparency,

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Highly confidential Security System

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2.Karri Lakshmana Reddy

Associate Professor,Dept of CS,
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Objective:

The objective of this application is to develop a system due to busy life style we can't remember all confidential data like All maid Id, Password, All bank account no, Insurance policy No, PAN NO, Driving License No, Pass Port No, All education certificate Numbers, Some highly value scan copy, so we can store confidential data in single credentials.

The purpose is to maintain a centralized repository of information which can be managed and accessed in a convenient manner. The system allows maintaining a centralized database with facilities to insert, edit and delete data as necessary in securely.

Scope:

This Project gives security on how personal data is to be stored, handled andProtected under the following Personal Confidential data:-

- All mail ids, passwords
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The 'operational or generic user interface' helps the end users of the system in transactions through the existing data and required services. The operational user interface also helps the ordinary user in man aging their own information in a customized manner as per the included flexibilities.

Definition to the problem:

The system involves paper work in the form of maintaining various files and manuals. Maintaining critical information in the files and manuals is a full of risk and a tedious process. This system does not have the capability of security for different users.There is no registration and profile management implemented in the existing system.The existing system user interface does not provide the interface for interaction with various security concepts.

- We should store confidential information in files or disks or any other manual system is not secure.
- The manual system will not provide the more security information.
- If system gets any damage, there may be chance to lose the data.
- Data inconsistencies and loss of data may result because of data mismanagement.
- So this is total manual system and system will not provide any security to user data.

System analysis and system design

Introduction:

Purpose of this project:

Due to busy life style we can't remember all confidential data like All maid Id, Password, All bank account no, Insurance policy No, PAN NO, Driving License No, Password PortNo, All education certificate Numbers, Some highly value scan copy, some confidential photo and music ,videos. So we can store all confidential data in single credentials.

Scope for analysis:

The proposed system targets,the workflow automation of user's details, which involves secure and updating and viewing users details .The present system maintains the details of the users manually. So this way users forgets his/her details and all confidential details will be lost.

The scope assigned in the "HIGHLY CONFIDENTIAL SECURITY SYSTEM (HCCS)" project for development is capable to the users.

Objectives and success criteria of the problem:

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2. OVERVIEW OF THESYSTEM

Current system:

In these present days there is no system provided for this kind of feature where we should store secure information in files or disk drives. So this is total manual system and system will not provide any security to user data .If system gets any damage, there may be chance to lose the data.

Proposed System:

So we can develop highly security web application (Elliptic Curve Cryptography security algorithm). So we can store all confidential data in single credentials.

The development of this new system contains the following activities, which try to automate the entire process keeping in the view of database integration approach with highly confidential security.

- This system maintains user data in encryption description format using algorithms.
- This system maintains user's personal, address, and contact details.
- User friendliness is provided in the application with various controls provided by system rich user interface.
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- Various classes have been used for maintain the details of all the users and catalog.
- Authentication is provided for this application only registered users can access.
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- The system provides facilities to maintain bank account information.
- The system provides facilities to maintain Mails, password account information.
- The system provides facilities to maintain all education information marks memo, scanned copies information.
- The system provides facilities to maintain License, passport, insurances account information.
- The system provides facilities to maintain personal Files Information videos, images account information.
- System provides facility to online user registration.
- This system is providing more memory for the users to maintain data.

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Functional Requirements

Functional requirements describe the interaction between the system and its environment independent of its implementation .The environment includes the user and other system with the system interact.

The proposed system holds the following requirements:

- Every Administrator, user has a login with a valid username and password.
- The Administrator can view users, delete or reject user authentication.
- Each and every user can authenticate by the administrator.
- Every user can be identified by their user Id's.
- Users can add, view, update and delete their personal details.

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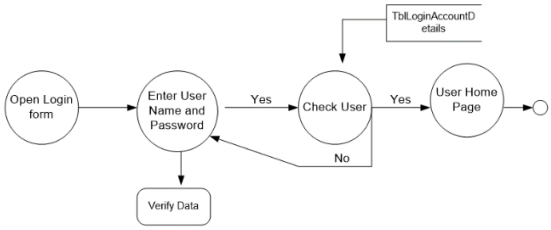


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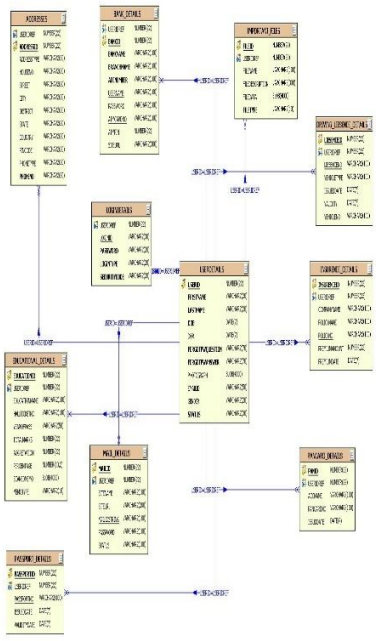


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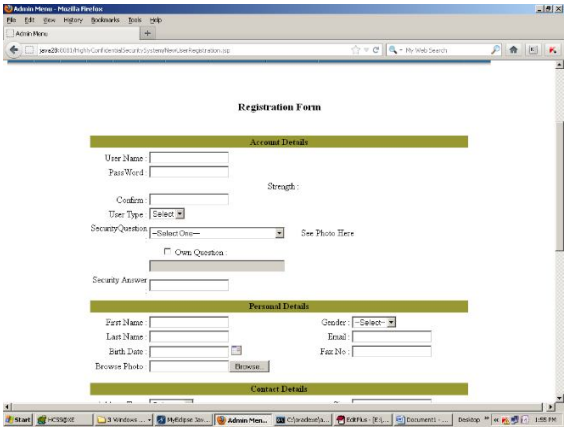


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5. CONCLUSION AND FUTURE ENHANCEMENT

It has been a great pleasure for me to work on this exciting and challenging Online application for the Highly confidential Security Systemproject.It also provides knowledge about the latest technology used in developing web enabled application and client server technology that will be great demand in future. This will provide better opportunities and guidance in future in developing projects independently.

BENEFITS:

The project is identified by the merits of the system offered to the user. The merits of this project are as follows: -

- It's a web-enabled project.
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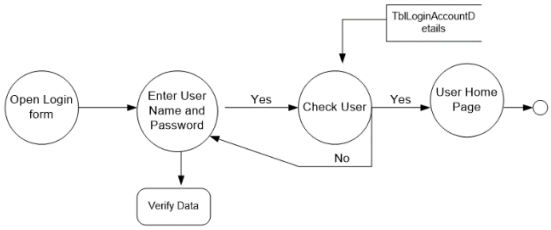


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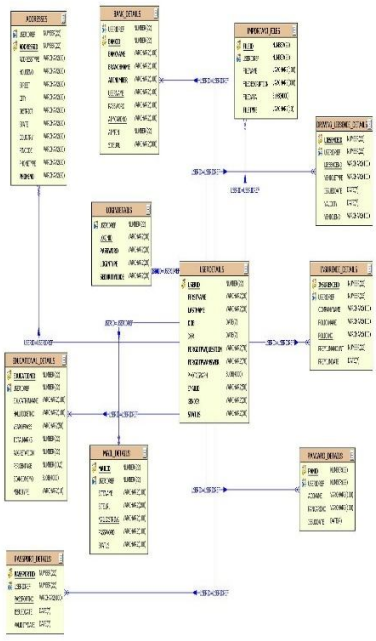


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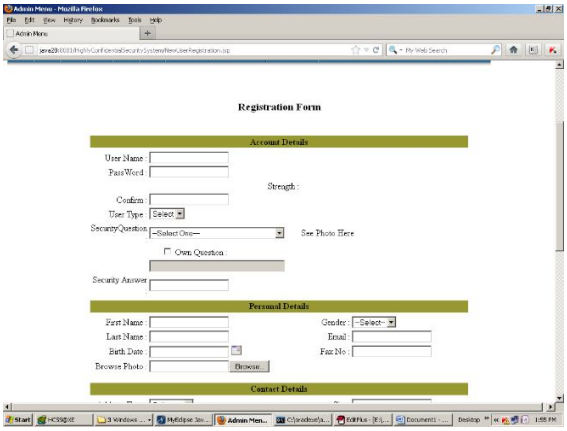


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The system involves paper work in the form of maintaining various files and manuals. Maintaining critical information in the files and manuals is a full of risk and a tedious process. This system does not have the capability of security for different users.There is no registration and profile management implemented in the existing system.The existing system user interface does not provide the interface for interaction with various security concepts.

- We should store confidential information in files or disks or any other manual system is not secure.
- The manual system will not provide the more security information.
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System analysis and system design

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Due to busy life style we can't remember all confidential data like All maid Id, Password, All bank account no, Insurance policy No, PAN NO, Driving License No, Password PortNo, All education certificate Numbers, Some highly value scan copy, some confidential photo and music ,videos. So we can store all confidential data in single credentials.

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In these present days there is no system provided for this kind of feature where we should store secure information in files or disk drives. So this is total manual system and system will not provide any security to user data .If system gets any damage, there may be chance to lose the data.

Proposed System:

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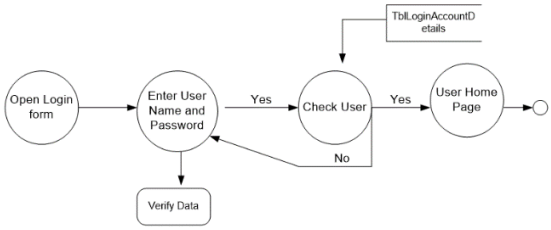


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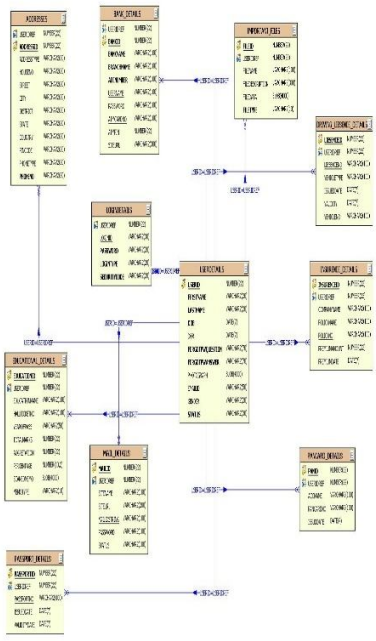


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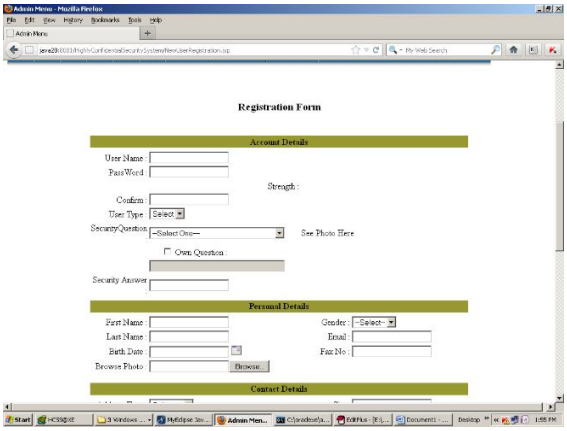


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- User is provided the option of monitoring the records he entered earlier. He can see the desired records with the variety of options provided by him.
- From every part of the project the user is provided with the links through framing so that he can go from one option of the project to other as per the requirement. This is bound to be simple and very friendly as per the user is concerned. That is, we can sat that the project is user friendly which is one of the primary concerns of any good project.
- Data storage and retrieval will become faster and easier to maintain because data is stored in a systematic manner and in a single database.
- Decision making process would be greatly enhanced because of faster processing of information since data collection from information available on computer takes much less time then manual system.
- Allocating of sample results becomes much faster because at a time the user can see the records of last years.
- Easier and faster data transfer through latest technology associated with the computer and communication.
- Through these features it will increase the efficiency, accuracy and transparency,

LIMITATIONS:

The size of the database increases day-by-day, increasing the load on the database back up and data maintenance activity.
Training for simple computer operations is necessary for the users working on the system.

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Highly confidential Security System

1.Juttiga Revathi Sri

Dept of CS ,
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2.Karri Lakshmana Reddy

Associate Professor,Dept of CS,
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This Project gives security on how personal data is to be stored, handled andProtected under the following Personal Confidential data:-

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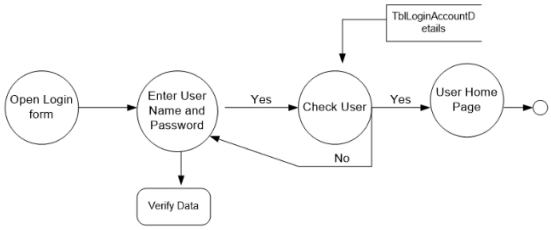


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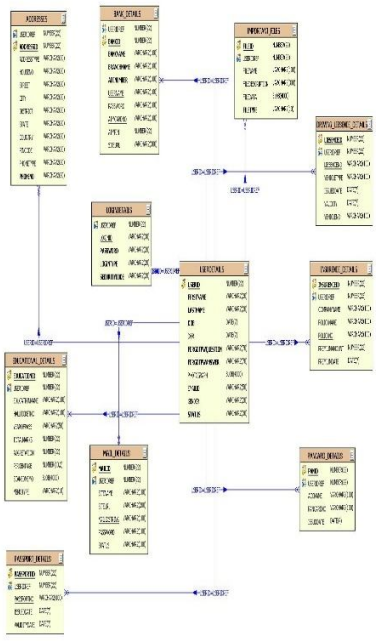


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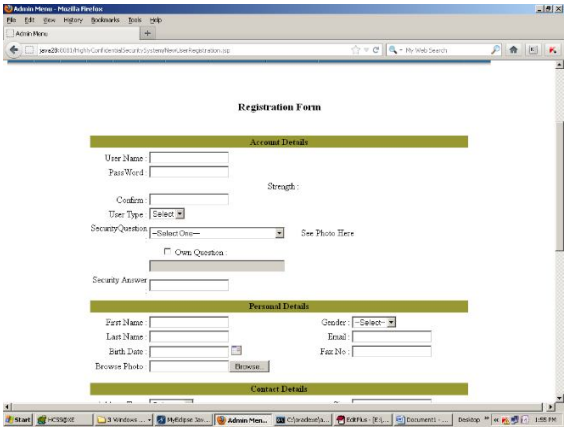


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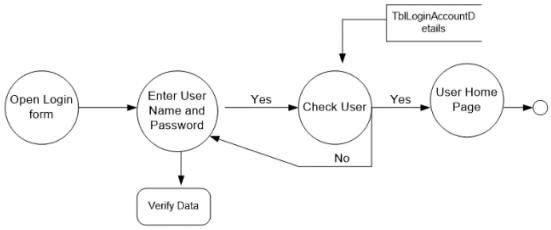


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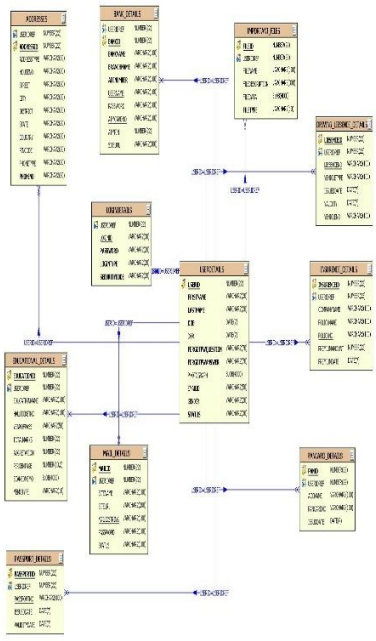


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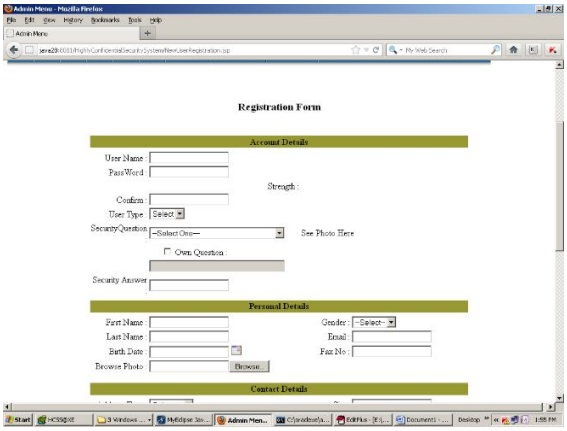


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- Decision making process would be greatly enhanced because of faster processing of information since data collection from information available on computer takes much less time then manual system.
- Allocating of sample results becomes much faster because at a time the user can see the records of last years.
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- Through these features it will increase the efficiency, accuracy and transparency,

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Highly confidential Security System

1.Juttiga Revathi Sri

Dept of CS ,
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2.Karri Lakshmana Reddy

Associate Professor,Dept of CS,
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1. INTRODUCTION

Objective:

The objective of this application is to develop a system due to busy life style we can't remember all confidential data like All maid Id, Password, All bank account no, Insurance policy No, PAN NO, Driving License No, Pass Port No, All education certificate Numbers, Some highly value scan copy, so we can store confidential data in single credentials.

The purpose is to maintain a centralized repository of information which can be managed and accessed in a convenient manner. The system allows maintaining a centralized database with facilities to insert, edit and delete data as necessary in securely.

Scope:

This Project gives security on how personal data is to be stored, handled andProtected under the following Personal Confidential data:-

- All mail ids, passwords
- All bank account no
- Insurance policy No
- PAN NO
- Driving License No
- All education certificate Numbers
- Some highly value scan copy
- Some confidential photo and music, videos.

Theoretical Background:

- This interface all the activities of all the users.
- This system act as a standard interface between the users stored confidential data in single credential.

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- Users must know their activities like educational details, mail details, passport details, insurance details, banks details etc.

How it works –the concept:

To provide flexibility to the users, the interface have been developed that are accessible through a browser. The GUI'S at the top level have been categorized as

- Administrative user interface
- The operational or generic user interface

The' Administrative user interface' concentrates on the consistent information that is practically , party of the organizational activities and which needs proper authentication for the data collection .The interface help the administrators with all the transactional state like Data and Data updating along with the extensive data search capabilities.

The 'operational or generic user interface' helps the end users of the system in transactions through the existing data and required services. The operational user interface also helps the ordinary user in man aging their own information in a customized manner as per the included flexibilities.

Definition to the problem:

The system involves paper work in the form of maintaining various files and manuals. Maintaining critical information in the files and manuals is a full of risk and a tedious process. This system does not have the capability of security for different users.There is no registration and profile management implemented in the existing system.The existing system user interface does not provide the interface for interaction with various security concepts.

- We should store confidential information in files or disks or any other manual system is not secure.
- The manual system will not provide the more security information.
- If system gets any damage, there may be chance to lose the data.
- Data inconsistencies and loss of data may result because of data mismanagement.
- So this is total manual system and system will not provide any security to user data.

System analysis and system design

Introduction:

Purpose of this project:

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Scope for analysis:

The proposed system targets,the workflow automation of user's details, which involves secure and updating and viewing users details .The present system maintains the details of the users manually. So this way users forgets his/her details and all confidential details will be lost.

The scope assigned in the "HIGHLY CONFIDENTIAL SECURITY SYSTEM (HCCS)" project for development is capable to the users.

Objectives and success criteria of the problem:

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2. OVERVIEW OF THESYSTEM

Current system:

In these present days there is no system provided for this kind of feature where we should store secure information in files or disk drives. So this is total manual system and system will not provide any security to user data .If system gets any damage, there may be chance to lose the data.

Proposed System:

So we can develop highly security web application (Elliptic Curve Cryptography security algorithm). So we can store all confidential data in single credentials.

The development of this new system contains the following activities, which try to automate the entire process keeping in the view of database integration approach with highly confidential security.

- This system maintains user data in encryption description format using algorithms.
- This system maintains user's personal, address, and contact details.
- User friendliness is provided in the application with various controls provided by system rich user interface.
- This system makes the overall project management much easier and flexible.
- Various classes have been used for maintain the details of all the users and catalog.
- Authentication is provided for this application only registered users can access.
- Report generation features is provided using to generate different kind of reports.
- The system provides facilities to maintain bank account information.
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- The system provides facilities to maintain all education information marks memo, scanned copies information.
- The system provides facilities to maintain License, passport, insurances account information.
- The system provides facilities to maintain personal Files Information videos, images account information.
- System provides facility to online user registration.
- This system is providing more memory for the users to maintain data.

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- This system is providing accessibility control to data with respect to users.

Overview:

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Functional Requirements

Functional requirements describe the interaction between the system and its environment independent of its implementation .The environment includes the user and other system with the system interact.

The proposed system holds the following requirements:

- Every Administrator, user has a login with a valid username and password.
- The Administrator can view users, delete or reject user authentication.
- Each and every user can authenticate by the administrator.
- Every user can be identified by their user Id's.
- Users can add, view, update and delete their personal details.

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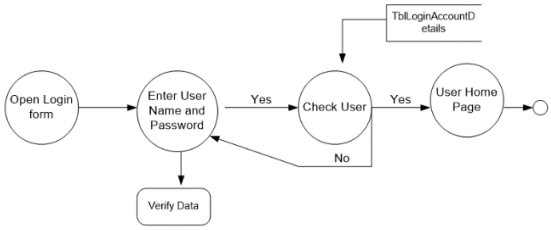


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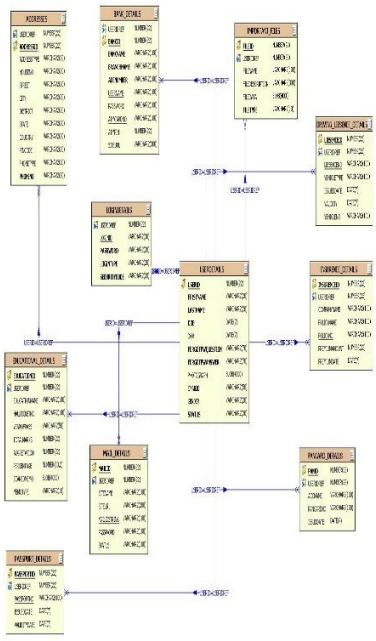


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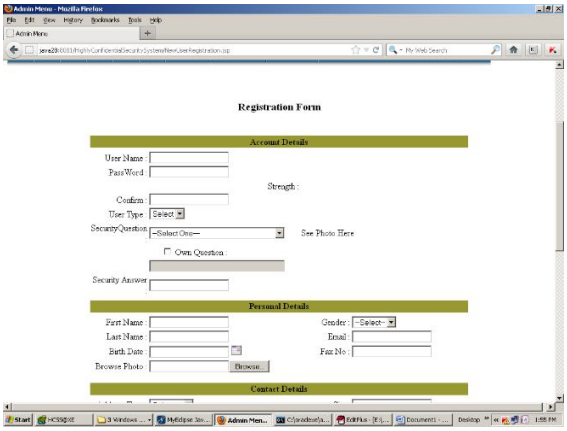


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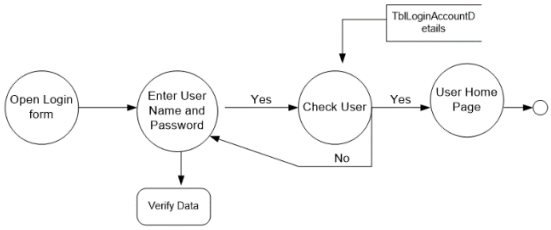


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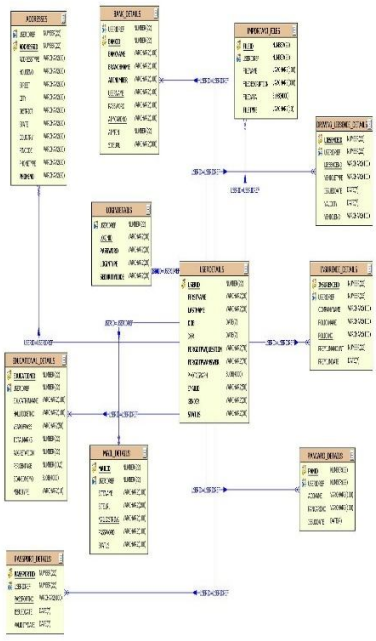


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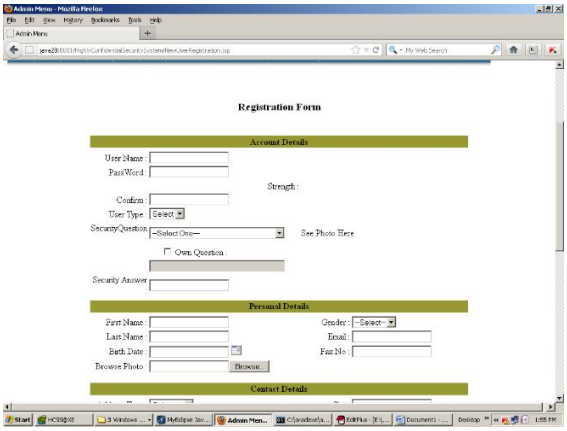


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K. Lakshmana Reddy is working as an Associate in the Department of Computer Science in SVKP & Dr K S Raju Arts &Science College, Penugonda, A.P. He received MCA from Andhra University, 'C' level from DOEACC, New Delhi and M.Tech from Acharya Nagarjuna University. A.P. He attended and presented papers in conferences and seminars. He has done online certifications in several courses from NPTEL. His areas of interests includes Computer Networks Network Security and Cryptography. Formal Languages and Automata Theory and Object Oriented programming languages.

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THINK INDIA JOURNAL

ISSN:0971-1260
Vol-22- Issue-35-December-2019

Highly confidential Security System

1.Juttiga Revathi Sri

Dept of CS ,
SVKP & Dr K S Raju Arts & Science College, Penugonda, A.P, India,

2.Karri Lakshmana Reddy

Associate Professor,Dept of CS,
SVKP & Dr K S Raju Arts & Science College, Penugonda, A.P, India.

Abstract -The proposed project is Highly Confidential Security System. As per the rapid growth of constructing security system for storing highly confidential information with less storage and computational complexities .we proposed a system that organizes the data effectively. It provides mechanism to store information securely and accurately .which try to automate the entire process d in the view of database integration approach with highly confidential security.It maintains user data in encrypted form using cryptographic algorithms. We use Elliptic Curve Cryptography security algorithms as many devices are small and have limited storage and computational power. As ECC key length is short so encryption decryption and signature verification can be done with less time complexity and with reduced.

1. INTRODUCTION

Objective:

The objective of this application is to develop a system due to busy life style we can't remember all confidential data like All maid Id, Password, All bank account no, Insurance policy No, PAN NO, Driving License No, Pass Port No, All education certificate Numbers, Some highly value scan copy, so we can store confidential data in single credentials.

The purpose is to maintain a centralized repository of information which can be managed and accessed in a convenient manner. The system allows maintaining a centralized database with facilities to insert, edit and delete data as necessary in securely.

Scope:

This Project gives security on how personal data is to be stored, handled andProtected under the following Personal Confidential data:-

- All mail ids, passwords
- All bank account no
- Insurance policy No
- PAN NO
- Driving License No
- All education certificate Numbers
- Some highly value scan copy
- Some confidential photo and music, videos.

Theoretical Background:

- This interface all the activities of all the users.
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- Users must know their activities like educational details, mail details, passport details, insurance details, banks details etc.

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To provide flexibility to the users, the interface have been developed that are accessible through a browser. The GUI'S at the top level have been categorized as

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- The operational or generic user interface

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Definition to the problem:

The system involves paper work in the form of maintaining various files and manuals. Maintaining critical information in the files and manuals is a full of risk and a tedious process. This system does not have the capability of security for different users.There is no registration and profile management implemented in the existing system.The existing system user interface does not provide the interface for interaction with various security concepts.

- We should store confidential information in files or disks or any other manual system is not secure.
- The manual system will not provide the more security information.
- If system gets any damage, there may be chance to lose the data.
- Data inconsistencies and loss of data may result because of data mismanagement.
- So this is total manual system and system will not provide any security to user data.

System analysis and system design

Introduction:

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Scope for analysis:

The proposed system targets,the workflow automation of user's details, which involves secure and updating and viewing users details .The present system maintains the details of the users manually. So this way users forgets his/her details and all confidential details will be lost.

The scope assigned in the "HIGHLY CONFIDENTIAL SECURITY SYSTEM (HCCS)" project for development is capable to the users.

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2. OVERVIEW OF THESYSTEM

Current system:

In these present days there is no system provided for this kind of feature where we should store secure information in files or disk drives. So this is total manual system and system will not provide any security to user data .If system gets any damage, there may be chance to lose the data.

Proposed System:

So we can develop highly security web application (Elliptic Curve Cryptography security algorithm). So we can store all confidential data in single credentials.

The development of this new system contains the following activities, which try to automate the entire process keeping in the view of database integration approach with highly confidential security.

- This system maintains user data in encryption description format using algorithms.
- This system maintains user's personal, address, and contact details.
- User friendliness is provided in the application with various controls provided by system rich user interface.
- This system makes the overall project management much easier and flexible.
- Various classes have been used for maintain the details of all the users and catalog.
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- The system provides facilities to maintain bank account information.
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- System provides facility to online user registration.
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Functional requirements describe the interaction between the system and its environment independent of its implementation .The environment includes the user and other system with the system interact.

The proposed system holds the following requirements:

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- The Administrator can view users, delete or reject user authentication.
- Each and every user can authenticate by the administrator.
- Every user can be identified by their user Id's.
- Users can add, view, update and delete their personal details.

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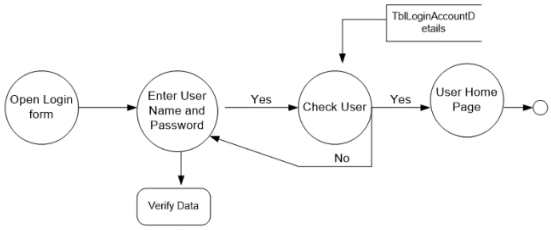


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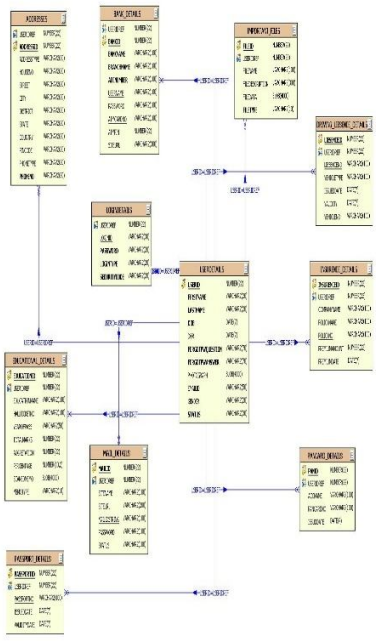


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4. OUTPUT SCREEN SHOTS

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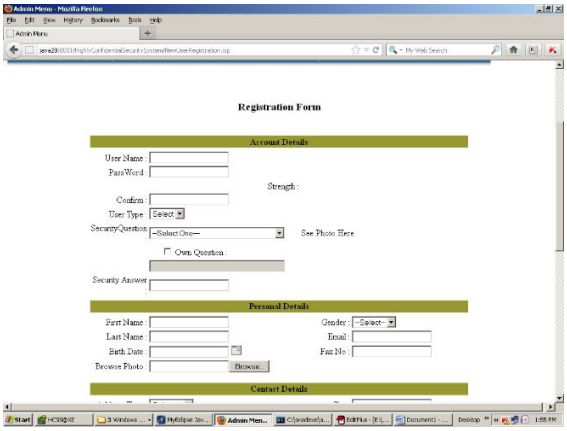


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5. CONCLUSION AND FUTURE ENHANCEMENT

It has been a great pleasure for me to work on this exciting and challenging Online application for the Highly confidential Security Systemproject.It also provides knowledge about the latest technology used in developing web enabled application and client server technology that will be great demand in future. This will provide better opportunities and guidance in future in developing projects independently.

BENEFITS:

The project is identified by the merits of the system offered to the user. The merits of this project are as follows: -

- It's a web-enabled project.
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- Sometimes the user finds in the later stages of using project that he needs to update some of the information that he entered earlier. There are options for him by which he can update the records. Moreover there is restriction for his that he cannot change the primary data field. This keeps the validity of the data to longer extent.
- User is provided the option of monitoring the records he entered earlier. He can see the desired records with the variety of options provided by him.
- From every part of the project the user is provided with the links through framing so that he can go from one option of the project to other as per the requirement. This is bound to be simple and very friendly as per the user is concerned. That is, we can sat that the project is user friendly which is one of the primary concerns of any good project.
- Data storage and retrieval will become faster and easier to maintain because data is stored in a systematic manner and in a single database.
- Decision making process would be greatly enhanced because of faster processing of information since data collection from information available on computer takes much less time then manual system.
- Allocating of sample results becomes much faster because at a time the user can see the records of last years.
- Easier and faster data transfer through latest technology associated with the computer and communication.
- Through these features it will increase the efficiency, accuracy and transparency,

LIMITATIONS:

The size of the database increases day-by-day, increasing the load on the database back up and data maintenance activity.
Training for simple computer operations is necessary for the users working on the system.

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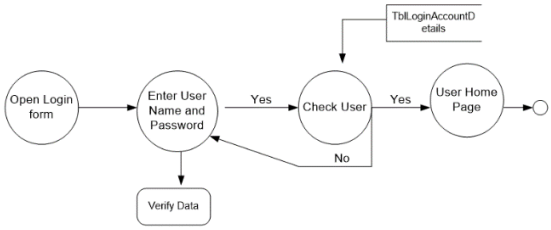


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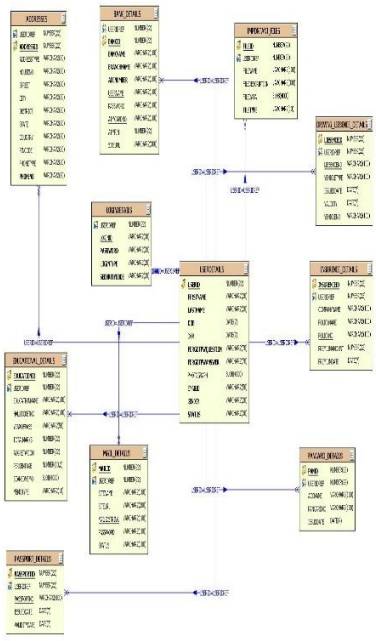


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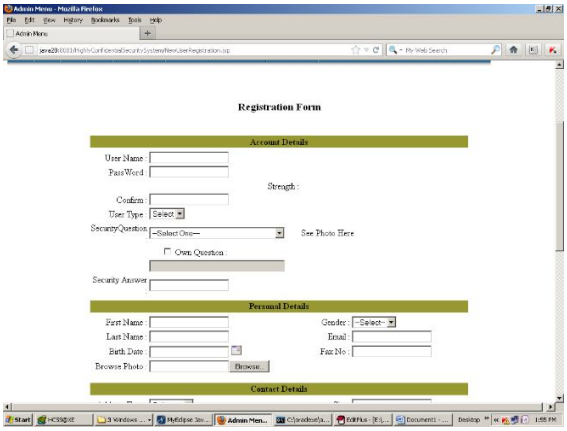


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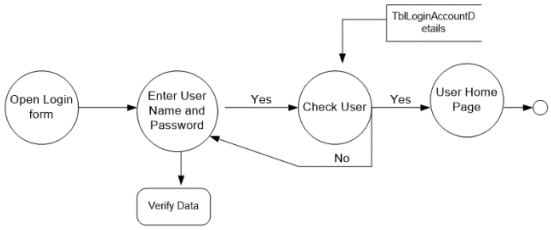


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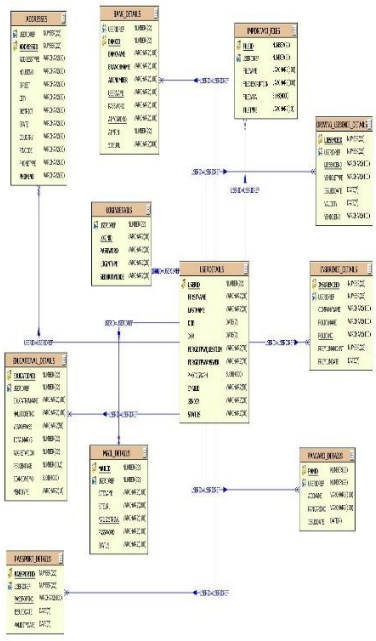


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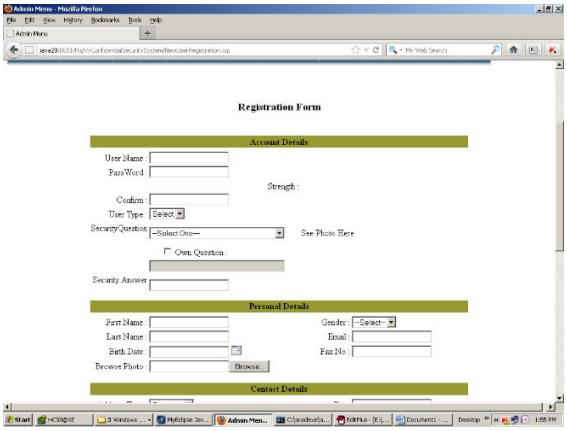


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- From every part of the project the user is provided with the links through framing so that he can go from one option of the project to other as per the requirement. This is bound to be simple and very friendly as per the user is concerned. That is, we can sat that the project is user friendly which is one of the primary concerns of any good project.
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- Decision making process would be greatly enhanced because of faster processing of information since data collection from information available on computer takes much less time then manual system.
- Allocating of sample results becomes much faster because at a time the user can see the records of last years.
- Easier and faster data transfer through latest technology associated with the computer and communication.
- Through these features it will increase the efficiency, accuracy and transparency,

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Training for simple computer operations is necessary for the users working on the system.

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Highly confidential Security System

1.Juttiga Revathi Sri

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2.Karri Lakshmana Reddy

Associate Professor,Dept of CS,
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This Project gives security on how personal data is to be stored, handled andProtected under the following Personal Confidential data:-

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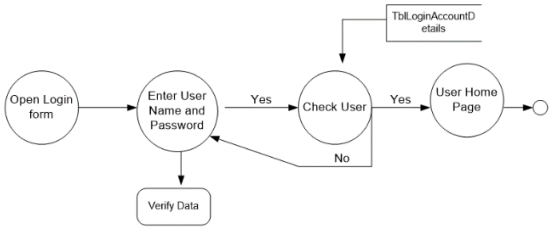


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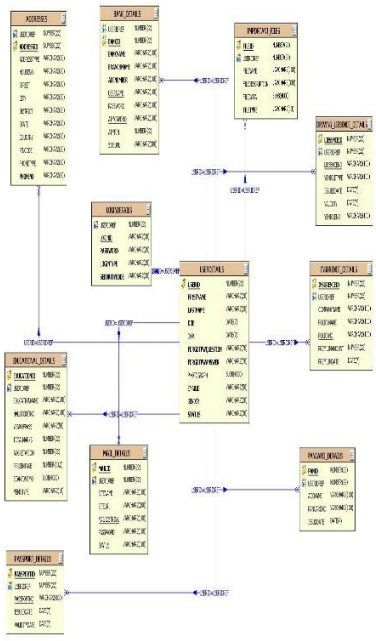


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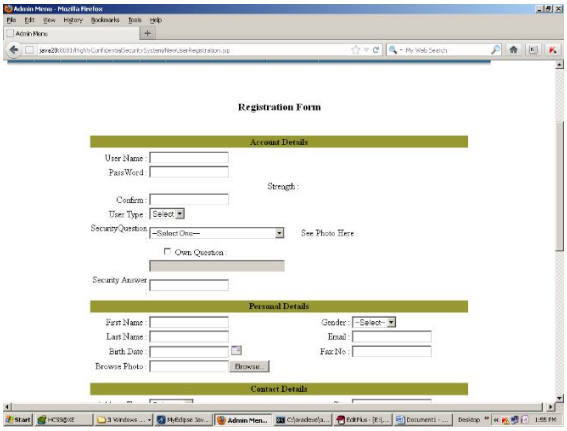


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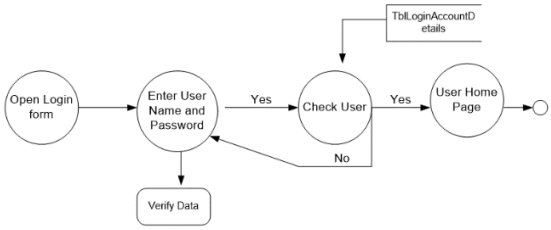


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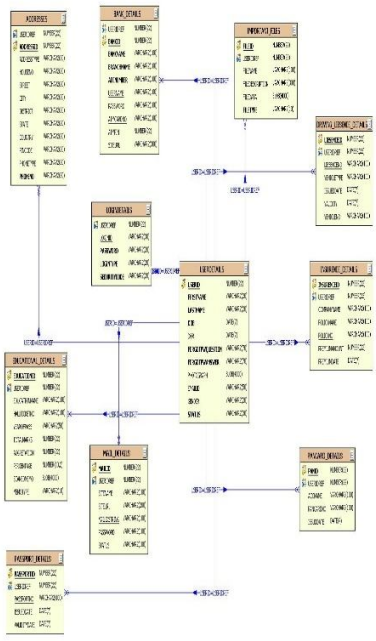


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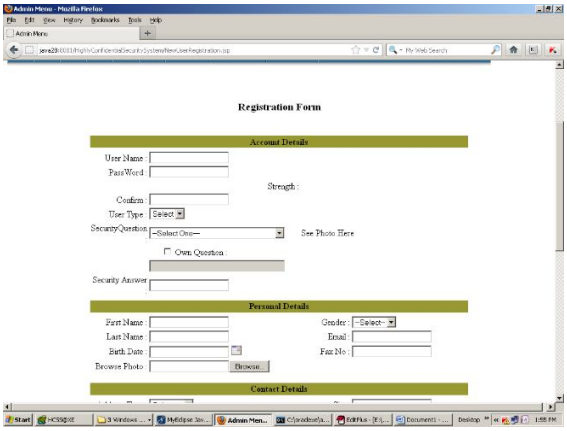


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- User is provided the option of monitoring the records he entered earlier. He can see the desired records with the variety of options provided by him.
- From every part of the project the user is provided with the links through framing so that he can go from one option of the project to other as per the requirement. This is bound to be simple and very friendly as per the user is concerned. That is, we can sat that the project is user friendly which is one of the primary concerns of any good project.
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- Decision making process would be greatly enhanced because of faster processing of information since data collection from information available on computer takes much less time then manual system.
- Allocating of sample results becomes much faster because at a time the user can see the records of last years.
- Easier and faster data transfer through latest technology associated with the computer and communication.
- Through these features it will increase the efficiency, accuracy and transparency,

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Training for simple computer operations is necessary for the users working on the system.

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Highly confidential Security System

1.Juttiga Revathi Sri

Dept of CS ,
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2.Karri Lakshmana Reddy

Associate Professor,Dept of CS,
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1. INTRODUCTION

Objective:

The objective of this application is to develop a system due to busy life style we can't remember all confidential data like All maid Id, Password, All bank account no, Insurance policy No, PAN NO, Driving License No, Pass Port No, All education certificate Numbers, Some highly value scan copy, so we can store confidential data in single credentials.

The purpose is to maintain a centralized repository of information which can be managed and accessed in a convenient manner. The system allows maintaining a centralized database with facilities to insert, edit and delete data as necessary in securely.

Scope:

This Project gives security on how personal data is to be stored, handled andProtected under the following Personal Confidential data:-

- All mail ids, passwords
- All bank account no
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- PAN NO
- Driving License No
- All education certificate Numbers
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- Users must know their activities like educational details, mail details, passport details, insurance details, banks details etc.

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To provide flexibility to the users, the interface have been developed that are accessible through a browser. The GUI'S at the top level have been categorized as

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The' Administrative user interface' concentrates on the consistent information that is practically , party of the organizational activities and which needs proper authentication for the data collection .The interface help the administrators with all the transactional state like Data and Data updating along with the extensive data search capabilities.

The 'operational or generic user interface' helps the end users of the system in transactions through the existing data and required services. The operational user interface also helps the ordinary user in man aging their own information in a customized manner as per the included flexibilities.

Definition to the problem:

The system involves paper work in the form of maintaining various files and manuals. Maintaining critical information in the files and manuals is a full of risk and a tedious process. This system does not have the capability of security for different users.There is no registration and profile management implemented in the existing system.The existing system user interface does not provide the interface for interaction with various security concepts.

- We should store confidential information in files or disks or any other manual system is not secure.
- The manual system will not provide the more security information.
- If system gets any damage, there may be chance to lose the data.
- Data inconsistencies and loss of data may result because of data mismanagement.
- So this is total manual system and system will not provide any security to user data.

System analysis and system design

Introduction:

Purpose of this project:

Due to busy life style we can't remember all confidential data like All maid Id, Password, All bank account no, Insurance policy No, PAN NO, Driving License No, Password PortNo, All education certificate Numbers, Some highly value scan copy, some confidential photo and music ,videos. So we can store all confidential data in single credentials.

Scope for analysis:

The proposed system targets,the workflow automation of user's details, which involves secure and updating and viewing users details .The present system maintains the details of the users manually. So this way users forgets his/her details and all confidential details will be lost.

The scope assigned in the "HIGHLY CONFIDENTIAL SECURITY SYSTEM (HCCS)" project for development is capable to the users.

Objectives and success criteria of the problem:

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2. OVERVIEW OF THESYSTEM

Current system:

In these present days there is no system provided for this kind of feature where we should store secure information in files or disk drives. So this is total manual system and system will not provide any security to user data .If system gets any damage, there may be chance to lose the data.

Proposed System:

So we can develop highly security web application (Elliptic Curve Cryptography security algorithm). So we can store all confidential data in single credentials.

The development of this new system contains the following activities, which try to automate the entire process keeping in the view of database integration approach with highly confidential security.

- This system maintains user data in encryption description format using algorithms.
- This system maintains user's personal, address, and contact details.
- User friendliness is provided in the application with various controls provided by system rich user interface.
- This system makes the overall project management much easier and flexible.
- Various classes have been used for maintain the details of all the users and catalog.
- Authentication is provided for this application only registered users can access.
- Report generation features is provided using to generate different kind of reports.
- The system provides facilities to maintain bank account information.
- The system provides facilities to maintain Mails, password account information.
- The system provides facilities to maintain all education information marks memo, scanned copies information.
- The system provides facilities to maintain License, passport, insurances account information.
- The system provides facilities to maintain personal Files Information videos, images account information.
- System provides facility to online user registration.
- This system is providing more memory for the users to maintain data.

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- This system is providing accessibility control to data with respect to users.

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Functional Requirements

Functional requirements describe the interaction between the system and its environment independent of its implementation .The environment includes the user and other system with the system interact.

The proposed system holds the following requirements:

- Every Administrator, user has a login with a valid username and password.
- The Administrator can view users, delete or reject user authentication.
- Each and every user can authenticate by the administrator.
- Every user can be identified by their user Id's.
- Users can add, view, update and delete their personal details.

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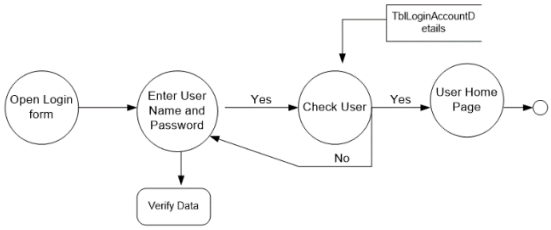


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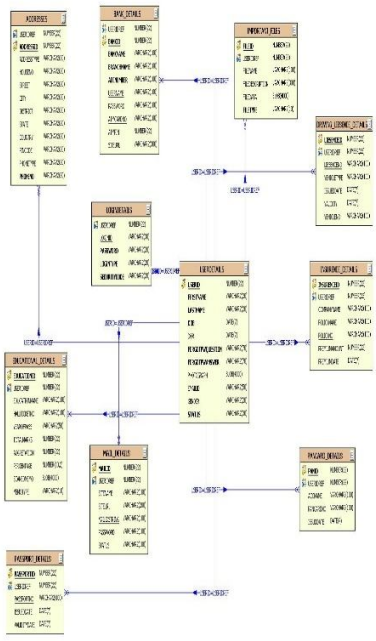


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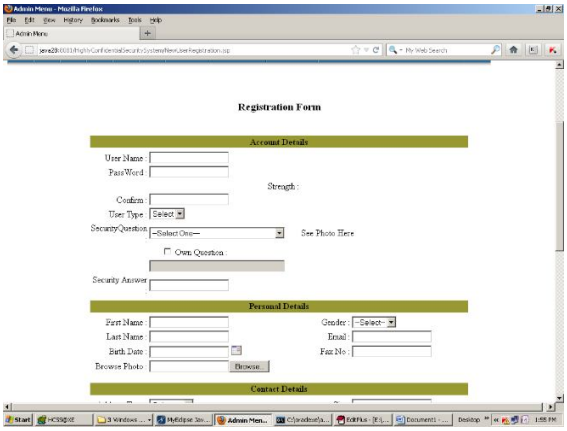


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5. CONCLUSION AND FUTURE ENHANCEMENT

It has been a great pleasure for me to work on this exciting and challenging Online application for the Highly confidential Security Systemproject.It also provides knowledge about the latest technology used in developing web enabled application and client server technology that will be great demand in future. This will provide better opportunities and guidance in future in developing projects independently.

BENEFITS:

The project is identified by the merits of the system offered to the user. The merits of this project are as follows: -

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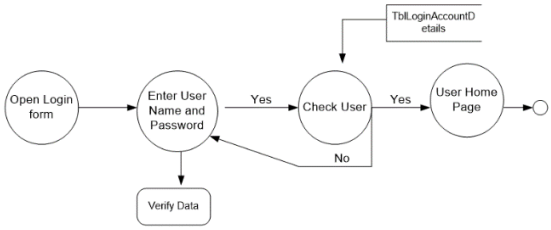


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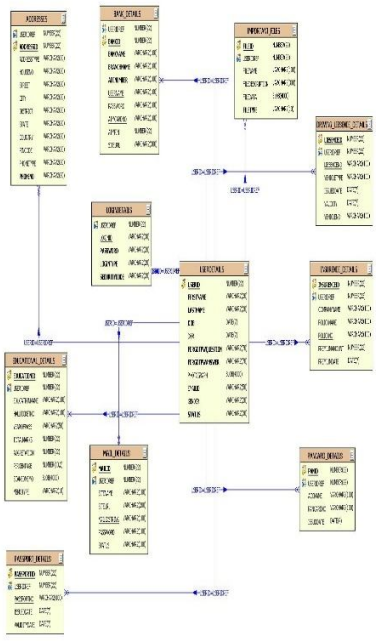


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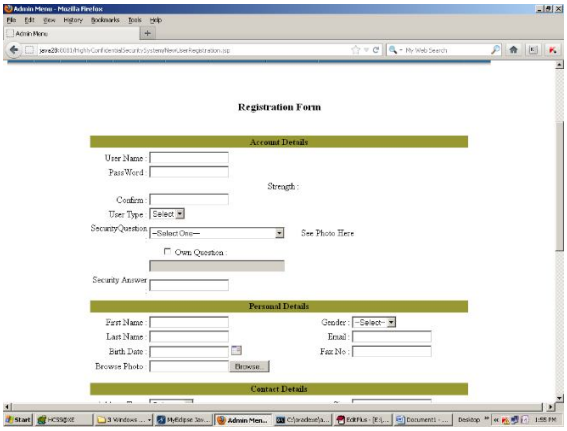


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To provide flexibility to the users, the interface have been developed that are accessible through a browser. The GUI'S at the top level have been categorized as

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- We should store confidential information in files or disks or any other manual system is not secure.
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System analysis and system design

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Due to busy life style we can't remember all confidential data like All maid Id, Password, All bank account no, Insurance policy No, PAN NO, Driving License No, Password PortNo, All education certificate Numbers, Some highly value scan copy, some confidential photo and music ,videos. So we can store all confidential data in single credentials.

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Current system:

In these present days there is no system provided for this kind of feature where we should store secure information in files or disk drives. So this is total manual system and system will not provide any security to user data .If system gets any damage, there may be chance to lose the data.

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So we can develop highly security web application (Elliptic Curve Cryptography security algorithm). So we can store all confidential data in single credentials.

The development of this new system contains the following activities, which try to automate the entire process keeping in the view of database integration approach with highly confidential security.

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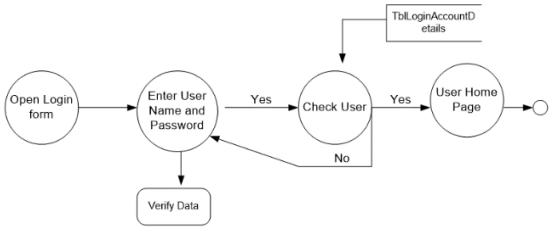


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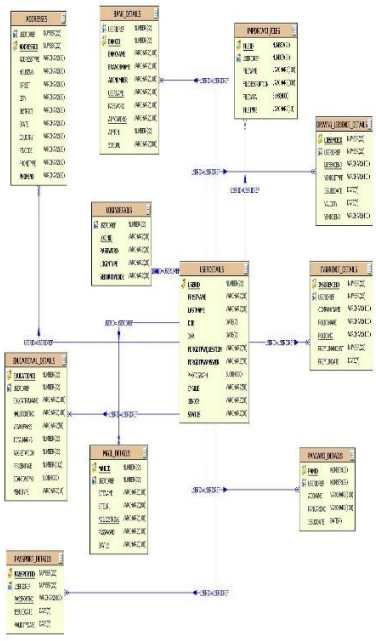


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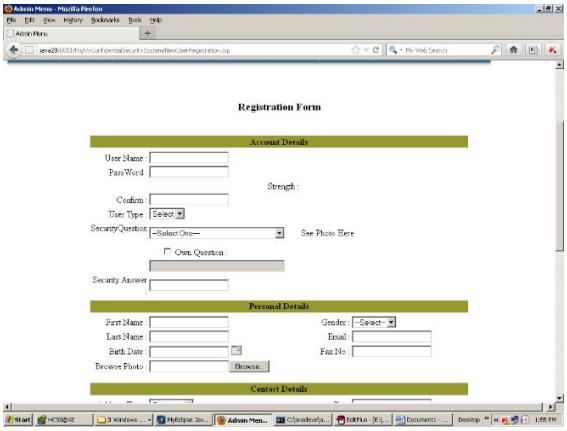


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- User is provided the option of monitoring the records he entered earlier. He can see the desired records with the variety of options provided by him.
- From every part of the project the user is provided with the links through framing so that he can go from one option of the project to other as per the requirement. This is bound to be simple and very friendly as per the user is concerned. That is, we can sat that the project is user friendly which is one of the primary concerns of any good project.
- Data storage and retrieval will become faster and easier to maintain because data is stored in a systematic manner and in a single database.
- Decision making process would be greatly enhanced because of faster processing of information since data collection from information available on computer takes much less time then manual system.
- Allocating of sample results becomes much faster because at a time the user can see the records of last years.
- Easier and faster data transfer through latest technology associated with the computer and communication.
- Through these features it will increase the efficiency, accuracy and transparency,

LIMITATIONS:

The size of the database increases day-by-day, increasing the load on the database back up and data maintenance activity.
Training for simple computer operations is necessary for the users working on the system.

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Highly confidential Security System

1.Juttiga Revathi Sri

Dept of CS ,
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2.Karri Lakshmana Reddy

Associate Professor,Dept of CS,
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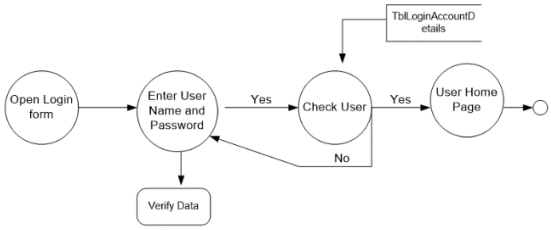


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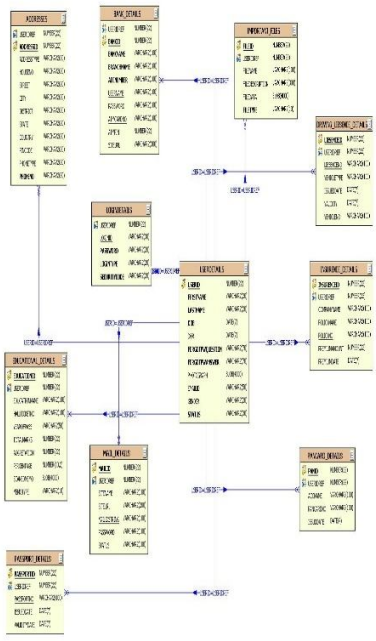


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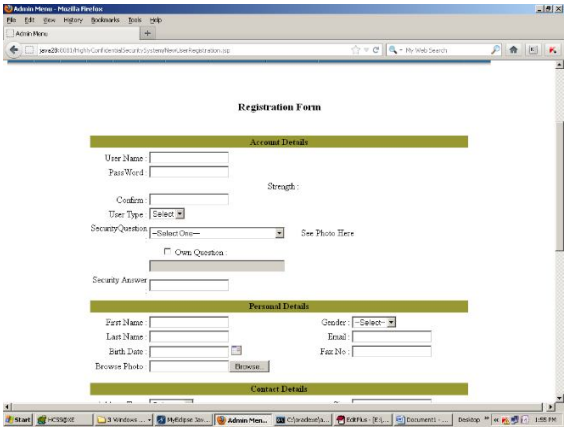


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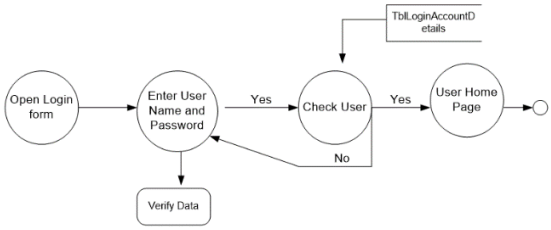


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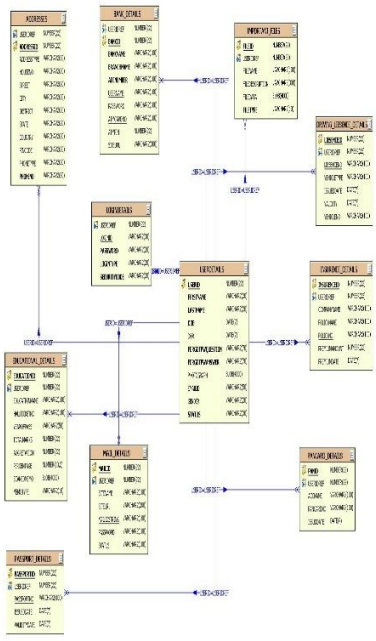


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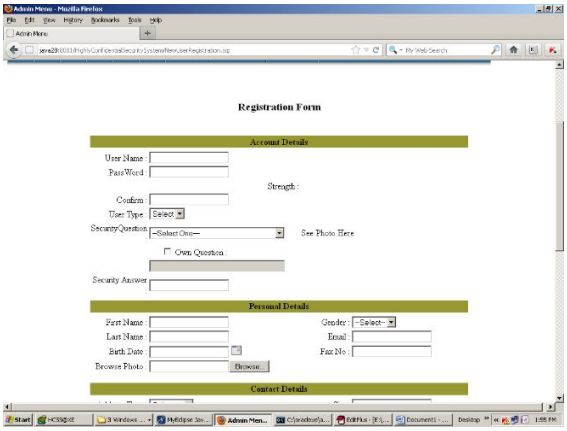


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- Data storage and retrieval will become faster and easier to maintain because data is stored in a systematic manner and in a single database.
- Decision making process would be greatly enhanced because of faster processing of information since data collection from information available on computer takes much less time then manual system.
- Allocating of sample results becomes much faster because at a time the user can see the records of last years.
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Highly confidential Security System

1.Juttiga Revathi Sri

Dept of CS ,
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2.Karri Lakshmana Reddy

Associate Professor,Dept of CS,
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1. INTRODUCTION

Objective:

The objective of this application is to develop a system due to busy life style we can't remember all confidential data like All maid Id, Password, All bank account no, Insurance policy No, PAN NO, Driving License No, Pass Port No, All education certificate Numbers, Some highly value scan copy, so we can store confidential data in single credentials.

The purpose is to maintain a centralized repository of information which can be managed and accessed in a convenient manner. The system allows maintaining a centralized database with facilities to insert, edit and delete data as necessary in securely.

Scope:

This Project gives security on how personal data is to be stored, handled andProtected under the following Personal Confidential data:-

- All mail ids, passwords
- All bank account no
- Insurance policy No
- PAN NO
- Driving License No
- All education certificate Numbers
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Theoretical Background:

- This interface all the activities of all the users.
- This system act as a standard interface between the users stored confidential data in single credential.

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- Users must know their activities like educational details, mail details, passport details, insurance details, banks details etc.

How it works –the concept:

To provide flexibility to the users, the interface have been developed that are accessible through a browser. The GUI'S at the top level have been categorized as

- Administrative user interface
- The operational or generic user interface

The' Administrative user interface' concentrates on the consistent information that is practically , party of the organizational activities and which needs proper authentication for the data collection .The interface help the administrators with all the transactional state like Data and Data updating along with the extensive data search capabilities.

The 'operational or generic user interface' helps the end users of the system in transactions through the existing data and required services. The operational user interface also helps the ordinary user in man aging their own information in a customized manner as per the included flexibilities.

Definition to the problem:

The system involves paper work in the form of maintaining various files and manuals. Maintaining critical information in the files and manuals is a full of risk and a tedious process. This system does not have the capability of security for different users.There is no registration and profile management implemented in the existing system.The existing system user interface does not provide the interface for interaction with various security concepts.

- We should store confidential information in files or disks or any other manual system is not secure.
- The manual system will not provide the more security information.
- If system gets any damage, there may be chance to lose the data.
- Data inconsistencies and loss of data may result because of data mismanagement.
- So this is total manual system and system will not provide any security to user data.

System analysis and system design

Introduction:

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Scope for analysis:

The proposed system targets,the workflow automation of user's details, which involves secure and updating and viewing users details .The present system maintains the details of the users manually. So this way users forgets his/her details and all confidential details will be lost.

The scope assigned in the "HIGHLY CONFIDENTIAL SECURITY SYSTEM (HCCS)" project for development is capable to the users.

Objectives and success criteria of the problem:

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2. OVERVIEW OF THESYSTEM

Current system:

In these present days there is no system provided for this kind of feature where we should store secure information in files or disk drives. So this is total manual system and system will not provide any security to user data .If system gets any damage, there may be chance to lose the data.

Proposed System:

So we can develop highly security web application (Elliptic Curve Cryptography security algorithm). So we can store all confidential data in single credentials.

The development of this new system contains the following activities, which try to automate the entire process keeping in the view of database integration approach with highly confidential security.

- This system maintains user data in encryption description format using algorithms.
- This system maintains user's personal, address, and contact details.
- User friendliness is provided in the application with various controls provided by system rich user interface.
- This system makes the overall project management much easier and flexible.
- Various classes have been used for maintain the details of all the users and catalog.
- Authentication is provided for this application only registered users can access.
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- The system provides facilities to maintain bank account information.
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- The system provides facilities to maintain personal Files Information videos, images account information.
- System provides facility to online user registration.
- This system is providing more memory for the users to maintain data.

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- This system is providing accessibility control to data with respect to users.

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Functional Requirements

Functional requirements describe the interaction between the system and its environment independent of its implementation .The environment includes the user and other system with the system interact.

The proposed system holds the following requirements:

- Every Administrator, user has a login with a valid username and password.
- The Administrator can view users, delete or reject user authentication.
- Each and every user can authenticate by the administrator.
- Every user can be identified by their user Id's.
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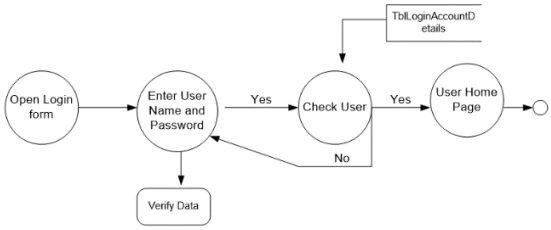


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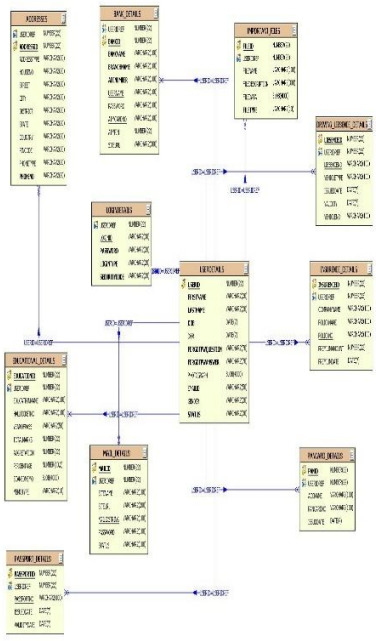


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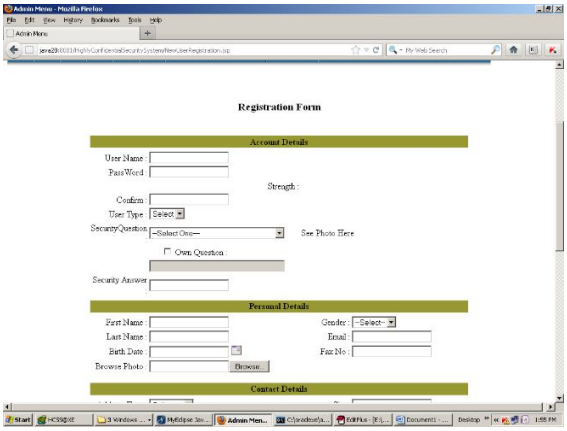


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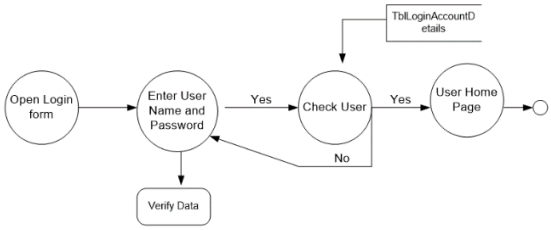


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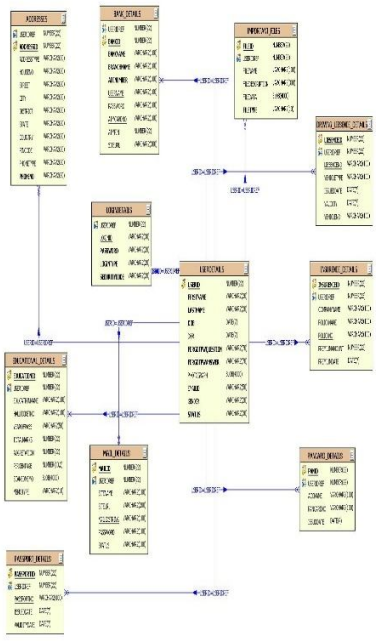


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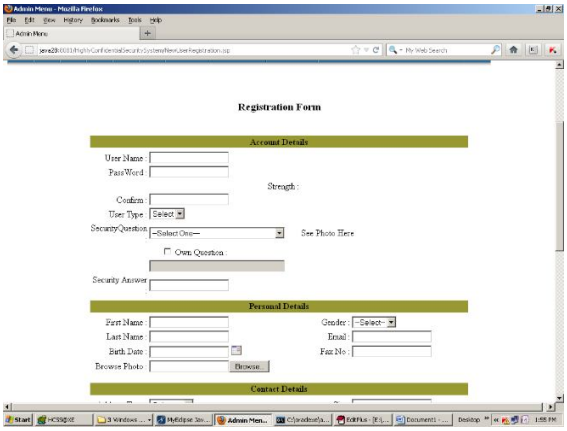


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K. Lakshmana Reddy is working as an Associate in the Department of Computer Science in SVKP & Dr K S Raju Arts &Science College, Penugonda, A.P. He received MCA from Andhra University, 'C' level from DOEACC, New Delhi and M.Tech from Acharya Nagarjuna University. A.P. He attended and presented papers in conferences and seminars. He has done online certifications in several courses from NPTEL. His areas of interests includes Computer Networks Network Security and Cryptography. Formal Languages and Automata Theory and Object Oriented programming languages.

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THINK INDIA JOURNAL

ISSN:0971-1260
Vol-22- Issue-35-December-2019

Highly confidential Security System

1.Juttiga Revathi Sri

Dept of CS ,
SVKP & Dr K S Raju Arts & Science College, Penugonda, A.P, India,

2.Karri Lakshmana Reddy

Associate Professor,Dept of CS,
SVKP & Dr K S Raju Arts & Science College, Penugonda, A.P, India.

Abstract -The proposed project is Highly Confidential Security System. As per the rapid growth of constructing security system for storing highly confidential information with less storage and computational complexities .we proposed a system that organizes the data effectively. It provides mechanism to store information securely and accurately .which try to automate the entire process d in the view of database integration approach with highly confidential security.It maintains user data in encrypted form using cryptographic algorithms. We use Elliptic Curve Cryptography security algorithms as many devices are small and have limited storage and computational power. As ECC key length is short so encryption decryption and signature verification can be done with less time complexity and with reduced.

1. INTRODUCTION

Objective:

The objective of this application is to develop a system due to busy life style we can't remember all confidential data like All maid Id, Password, All bank account no, Insurance policy No, PAN NO, Driving License No, Pass Port No, All education certificate Numbers, Some highly value scan copy, so we can store confidential data in single credentials.

The purpose is to maintain a centralized repository of information which can be managed and accessed in a convenient manner. The system allows maintaining a centralized database with facilities to insert, edit and delete data as necessary in securely.

Scope:

This Project gives security on how personal data is to be stored, handled andProtected under the following Personal Confidential data:-

- All mail ids, passwords
- All bank account no
- Insurance policy No
- PAN NO
- Driving License No
- All education certificate Numbers
- Some highly value scan copy
- Some confidential photo and music, videos.

Theoretical Background:

- This interface all the activities of all the users.
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- Users must know their activities like educational details, mail details, passport details, insurance details, banks details etc.

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To provide flexibility to the users, the interface have been developed that are accessible through a browser. The GUI'S at the top level have been categorized as

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- The operational or generic user interface

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Definition to the problem:

The system involves paper work in the form of maintaining various files and manuals. Maintaining critical information in the files and manuals is a full of risk and a tedious process. This system does not have the capability of security for different users.There is no registration and profile management implemented in the existing system.The existing system user interface does not provide the interface for interaction with various security concepts.

- We should store confidential information in files or disks or any other manual system is not secure.
- The manual system will not provide the more security information.
- If system gets any damage, there may be chance to lose the data.
- Data inconsistencies and loss of data may result because of data mismanagement.
- So this is total manual system and system will not provide any security to user data.

System analysis and system design

Introduction:

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Scope for analysis:

The proposed system targets,the workflow automation of user's details, which involves secure and updating and viewing users details .The present system maintains the details of the users manually. So this way users forgets his/her details and all confidential details will be lost.

The scope assigned in the "HIGHLY CONFIDENTIAL SECURITY SYSTEM (HCCS)" project for development is capable to the users.

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2. OVERVIEW OF THESYSTEM

Current system:

In these present days there is no system provided for this kind of feature where we should store secure information in files or disk drives. So this is total manual system and system will not provide any security to user data .If system gets any damage, there may be chance to lose the data.

Proposed System:

So we can develop highly security web application (Elliptic Curve Cryptography security algorithm). So we can store all confidential data in single credentials.

The development of this new system contains the following activities, which try to automate the entire process keeping in the view of database integration approach with highly confidential security.

- This system maintains user data in encryption description format using algorithms.
- This system maintains user's personal, address, and contact details.
- User friendliness is provided in the application with various controls provided by system rich user interface.
- This system makes the overall project management much easier and flexible.
- Various classes have been used for maintain the details of all the users and catalog.
- Authentication is provided for this application only registered users can access.
- Report generation features is provided using to generate different kind of reports.
- The system provides facilities to maintain bank account information.
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- The system provides facilities to maintain all education information marks memo, scanned copies information.
- The system provides facilities to maintain License, passport, insurances account information.
- The system provides facilities to maintain personal Files Information videos, images account information.
- System provides facility to online user registration.
- This system is providing more memory for the users to maintain data.

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Functional Requirements

Functional requirements describe the interaction between the system and its environment independent of its implementation .The environment includes the user and other system with the system interact.

The proposed system holds the following requirements:

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- The Administrator can view users, delete or reject user authentication.
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- Every user can be identified by their user Id's.
- Users can add, view, update and delete their personal details.

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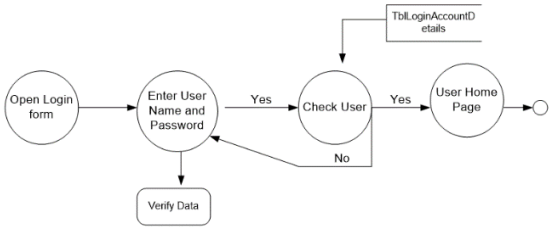


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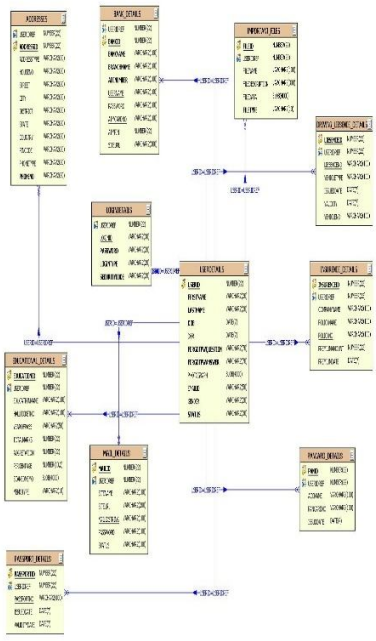


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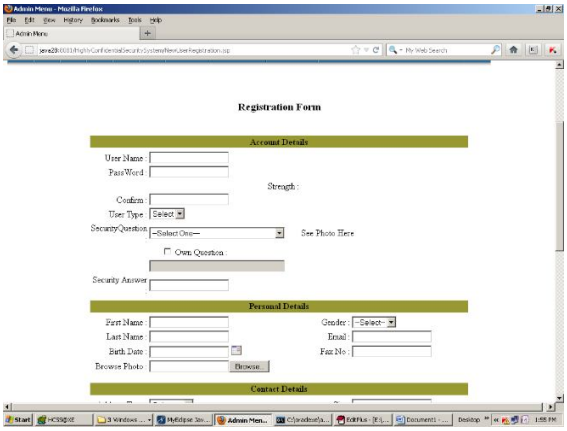


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5. CONCLUSION AND FUTURE ENHANCEMENT

It has been a great pleasure for me to work on this exciting and challenging Online application for the Highly confidential Security Systemproject.It also provides knowledge about the latest technology used in developing web enabled application and client server technology that will be great demand in future. This will provide better opportunities and guidance in future in developing projects independently.

BENEFITS:

The project is identified by the merits of the system offered to the user. The merits of this project are as follows: -

- It's a web-enabled project.
- This project offers user to enter the data through simple and interactive forms. This is very helpful for the client to enter the desired information through so much simplicity.

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- Sometimes the user finds in the later stages of using project that he needs to update some of the information that he entered earlier. There are options for him by which he can update the records. Moreover there is restriction for his that he cannot change the primary data field. This keeps the validity of the data to longer extent.
- User is provided the option of monitoring the records he entered earlier. He can see the desired records with the variety of options provided by him.
- From every part of the project the user is provided with the links through framing so that he can go from one option of the project to other as per the requirement. This is bound to be simple and very friendly as per the user is concerned. That is, we can sat that the project is user friendly which is one of the primary concerns of any good project.
- Data storage and retrieval will become faster and easier to maintain because data is stored in a systematic manner and in a single database.
- Decision making process would be greatly enhanced because of faster processing of information since data collection from information available on computer takes much less time then manual system.
- Allocating of sample results becomes much faster because at a time the user can see the records of last years.
- Easier and faster data transfer through latest technology associated with the computer and communication.
- Through these features it will increase the efficiency, accuracy and transparency,

LIMITATIONS:

The size of the database increases day-by-day, increasing the load on the database back up and data maintenance activity.
Training for simple computer operations is necessary for the users working on the system.

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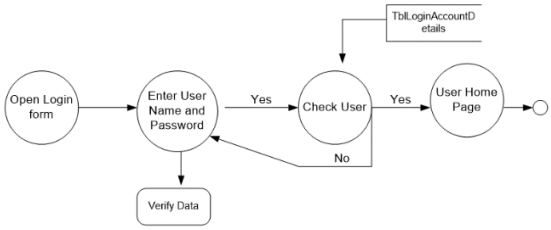


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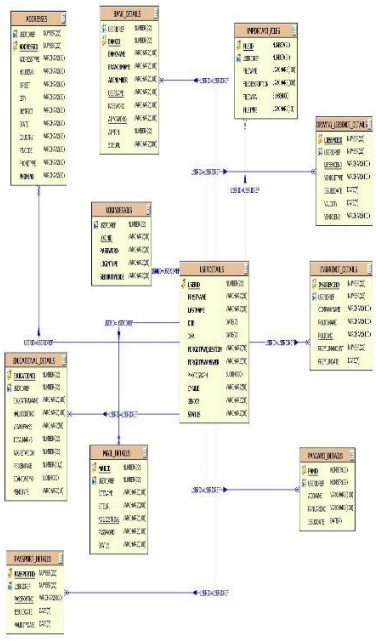


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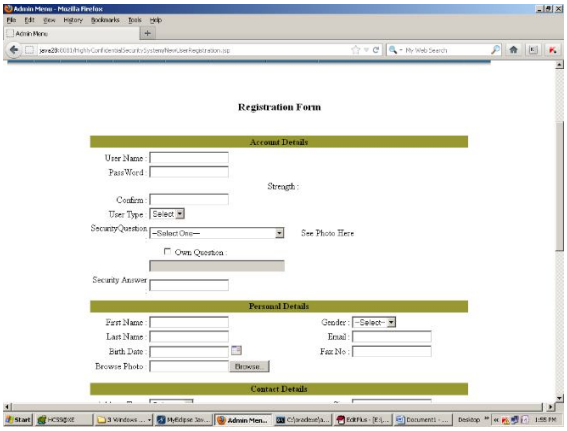


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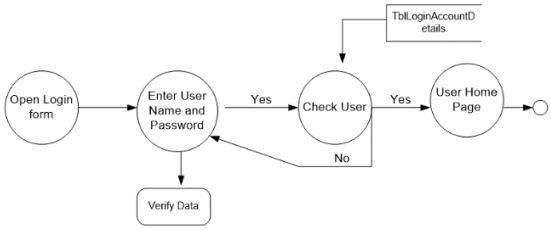


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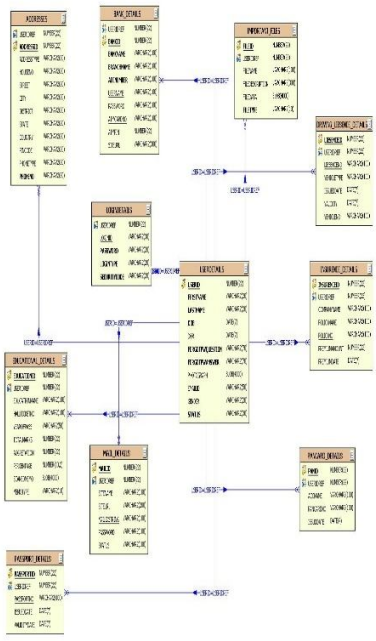


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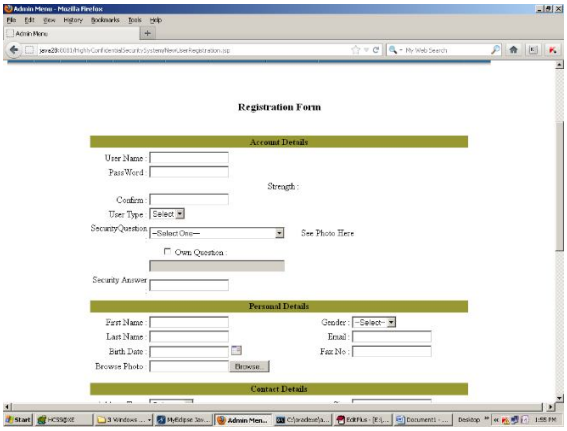


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- User is provided the option of monitoring the records he entered earlier. He can see the desired records with the variety of options provided by him.
- From every part of the project the user is provided with the links through framing so that he can go from one option of the project to other as per the requirement. This is bound to be simple and very friendly as per the user is concerned. That is, we can sat that the project is user friendly which is one of the primary concerns of any good project.
- Data storage and retrieval will become faster and easier to maintain because data is stored in a systematic manner and in a single database.
- Decision making process would be greatly enhanced because of faster processing of information since data collection from information available on computer takes much less time then manual system.
- Allocating of sample results becomes much faster because at a time the user can see the records of last years.
- Easier and faster data transfer through latest technology associated with the computer and communication.
- Through these features it will increase the efficiency, accuracy and transparency,

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Training for simple computer operations is necessary for the users working on the system.

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Highly confidential Security System

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2.Karri Lakshmana Reddy

Associate Professor,Dept of CS,
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This Project gives security on how personal data is to be stored, handled andProtected under the following Personal Confidential data:-

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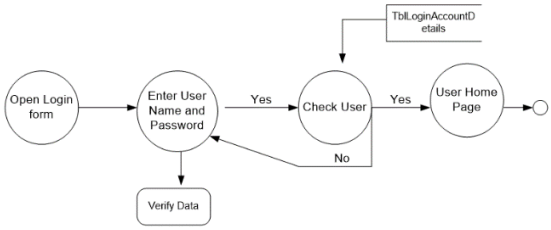


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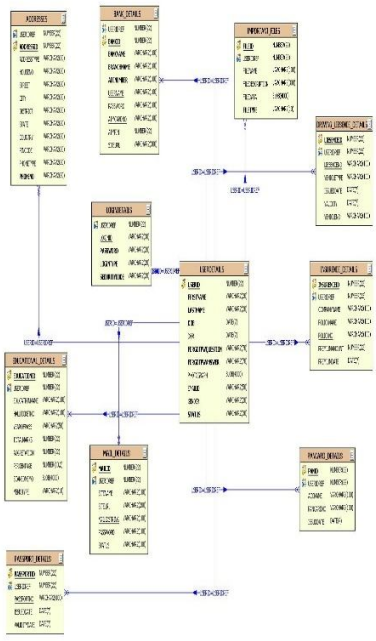


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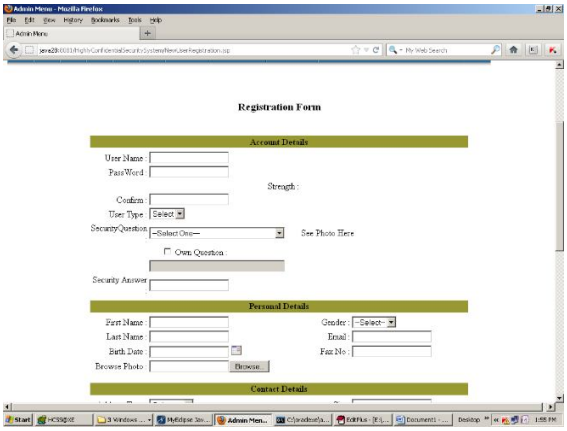


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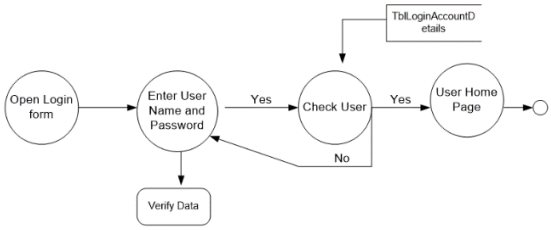


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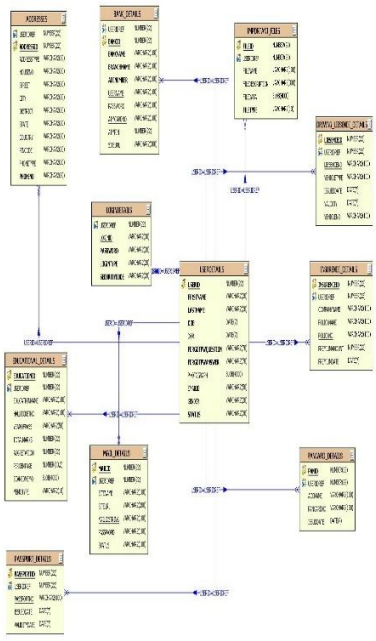


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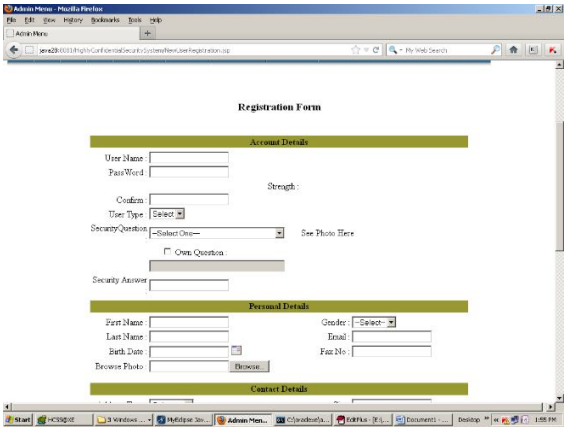


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- User is provided the option of monitoring the records he entered earlier. He can see the desired records with the variety of options provided by him.
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- Through these features it will increase the efficiency, accuracy and transparency,

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Highly confidential Security System

1.Juttiga Revathi Sri

Dept of CS ,
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2.Karri Lakshmana Reddy

Associate Professor,Dept of CS,
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1. INTRODUCTION

Objective:

The objective of this application is to develop a system due to busy life style we can't remember all confidential data like All maid Id, Password, All bank account no, Insurance policy No, PAN NO, Driving License No, Pass Port No, All education certificate Numbers, Some highly value scan copy, so we can store confidential data in single credentials.

The purpose is to maintain a centralized repository of information which can be managed and accessed in a convenient manner. The system allows maintaining a centralized database with facilities to insert, edit and delete data as necessary in securely.

Scope:

This Project gives security on how personal data is to be stored, handled andProtected under the following Personal Confidential data:-

- All mail ids, passwords
- All bank account no
- Insurance policy No
- PAN NO
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- All education certificate Numbers
- Some highly value scan copy
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Theoretical Background:

- This interface all the activities of all the users.
- This system act as a standard interface between the users stored confidential data in single credential.

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- Users must know their activities like educational details, mail details, passport details, insurance details, banks details etc.

How it works –the concept:

To provide flexibility to the users, the interface have been developed that are accessible through a browser. The GUI'S at the top level have been categorized as

- Administrative user interface
- The operational or generic user interface

The' Administrative user interface' concentrates on the consistent information that is practically , party of the organizational activities and which needs proper authentication for the data collection .The interface help the administrators with all the transactional state like Data and Data updating along with the extensive data search capabilities.

The 'operational or generic user interface' helps the end users of the system in transactions through the existing data and required services. The operational user interface also helps the ordinary user in man aging their own information in a customized manner as per the included flexibilities.

Definition to the problem:

The system involves paper work in the form of maintaining various files and manuals. Maintaining critical information in the files and manuals is a full of risk and a tedious process. This system does not have the capability of security for different users.There is no registration and profile management implemented in the existing system.The existing system user interface does not provide the interface for interaction with various security concepts.

- We should store confidential information in files or disks or any other manual system is not secure.
- The manual system will not provide the more security information.
- If system gets any damage, there may be chance to lose the data.
- Data inconsistencies and loss of data may result because of data mismanagement.
- So this is total manual system and system will not provide any security to user data.

System analysis and system design

Introduction:

Purpose of this project:

Due to busy life style we can't remember all confidential data like All maid Id, Password, All bank account no, Insurance policy No, PAN NO, Driving License No, Password PortNo, All education certificate Numbers, Some highly value scan copy, some confidential photo and music ,videos. So we can store all confidential data in single credentials.

Scope for analysis:

The proposed system targets,the workflow automation of user's details, which involves secure and updating and viewing users details .The present system maintains the details of the users manually. So this way users forgets his/her details and all confidential details will be lost.

The scope assigned in the "HIGHLY CONFIDENTIAL SECURITY SYSTEM (HCCS)" project for development is capable to the users.

Objectives and success criteria of the problem:

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2. OVERVIEW OF THESYSTEM

Current system:

In these present days there is no system provided for this kind of feature where we should store secure information in files or disk drives. So this is total manual system and system will not provide any security to user data .If system gets any damage, there may be chance to lose the data.

Proposed System:

So we can develop highly security web application (Elliptic Curve Cryptography security algorithm). So we can store all confidential data in single credentials.

The development of this new system contains the following activities, which try to automate the entire process keeping in the view of database integration approach with highly confidential security.

- This system maintains user data in encryption description format using algorithms.
- This system maintains user's personal, address, and contact details.
- User friendliness is provided in the application with various controls provided by system rich user interface.
- This system makes the overall project management much easier and flexible.
- Various classes have been used for maintain the details of all the users and catalog.
- Authentication is provided for this application only registered users can access.
- Report generation features is provided using to generate different kind of reports.
- The system provides facilities to maintain bank account information.
- The system provides facilities to maintain Mails, password account information.
- The system provides facilities to maintain all education information marks memo, scanned copies information.
- The system provides facilities to maintain License, passport, insurances account information.
- The system provides facilities to maintain personal Files Information videos, images account information.
- System provides facility to online user registration.
- This system is providing more memory for the users to maintain data.

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Functional Requirements

Functional requirements describe the interaction between the system and its environment independent of its implementation .The environment includes the user and other system with the system interact.

The proposed system holds the following requirements:

- Every Administrator, user has a login with a valid username and password.
- The Administrator can view users, delete or reject user authentication.
- Each and every user can authenticate by the administrator.
- Every user can be identified by their user Id's.
- Users can add, view, update and delete their personal details.

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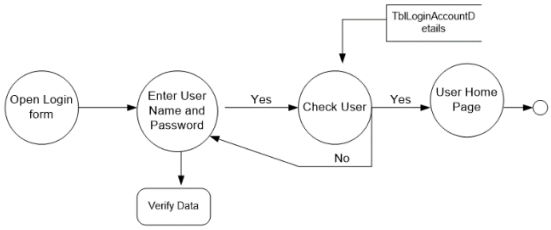


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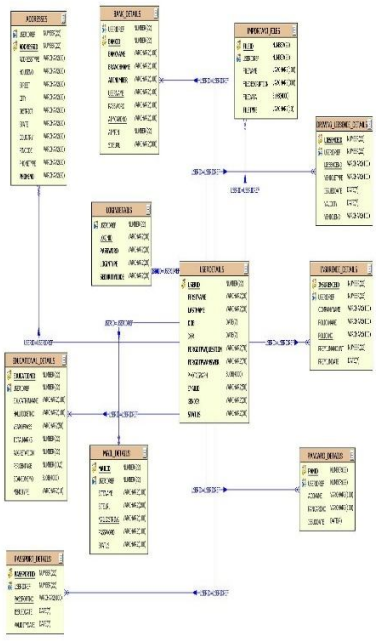


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4. OUTPUT SCREEN SHOTS

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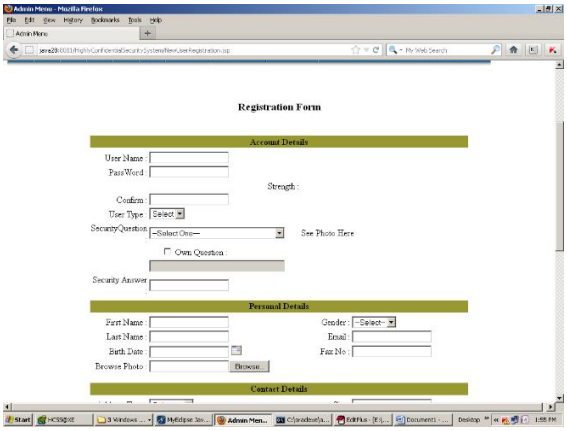


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5. CONCLUSION AND FUTURE ENHANCEMENT

It has been a great pleasure for me to work on this exciting and challenging Online application for the Highly confidential Security Systemproject.It also provides knowledge about the latest technology used in developing web enabled application and client server technology that will be great demand in future. This will provide better opportunities and guidance in future in developing projects independently.

BENEFITS:

The project is identified by the merits of the system offered to the user. The merits of this project are as follows: -

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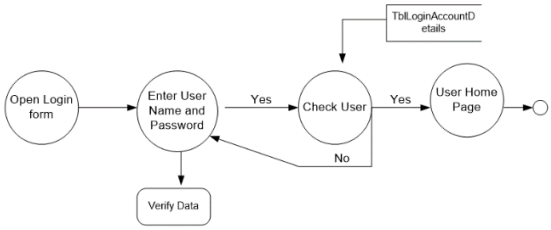


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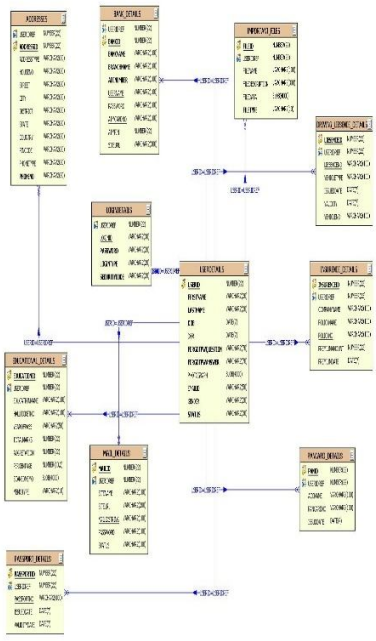


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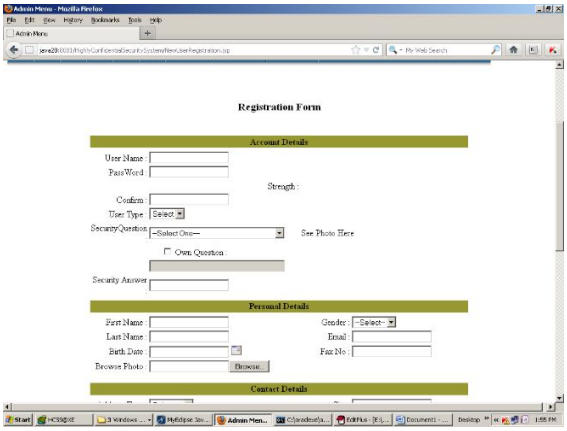


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- Users must know their activities like educational details, mail details, passport details, insurance details, banks details etc.

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- We should store confidential information in files or disks or any other manual system is not secure.
- The manual system will not provide the more security information.
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System analysis and system design

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Due to busy life style we can't remember all confidential data like All maid Id, Password, All bank account no, Insurance policy No, PAN NO, Driving License No, Password PortNo, All education certificate Numbers, Some highly value scan copy, some confidential photo and music ,videos. So we can store all confidential data in single credentials.

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Current system:

In these present days there is no system provided for this kind of feature where we should store secure information in files or disk drives. So this is total manual system and system will not provide any security to user data .If system gets any damage, there may be chance to lose the data.

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So we can develop highly security web application (Elliptic Curve Cryptography security algorithm). So we can store all confidential data in single credentials.

The development of this new system contains the following activities, which try to automate the entire process keeping in the view of database integration approach with highly confidential security.

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- This system maintains user's personal, address, and contact details.
- User friendliness is provided in the application with various controls provided by system rich user interface.
- This system makes the overall project management much easier and flexible.
- Various classes have been used for maintain the details of all the users and catalog.
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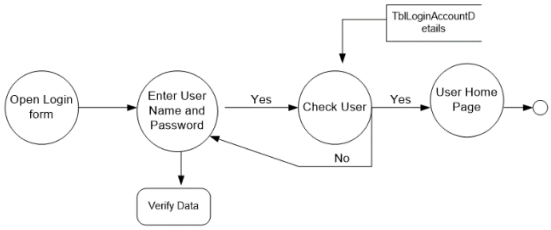


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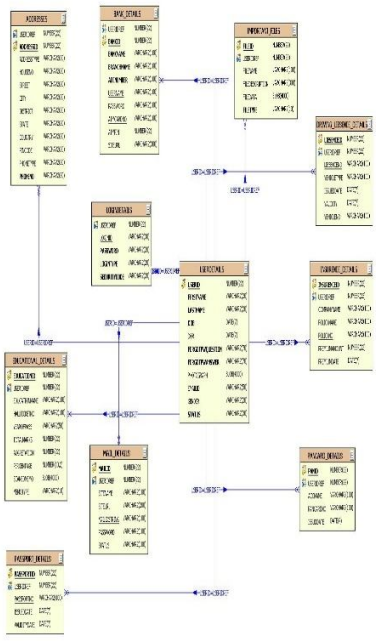


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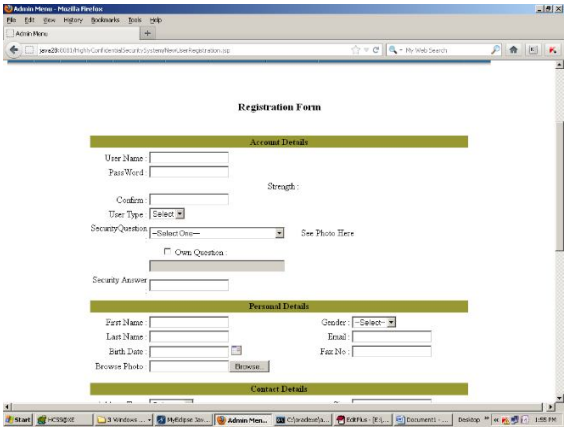


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- User is provided the option of monitoring the records he entered earlier. He can see the desired records with the variety of options provided by him.
- From every part of the project the user is provided with the links through framing so that he can go from one option of the project to other as per the requirement. This is bound to be simple and very friendly as per the user is concerned. That is, we can sat that the project is user friendly which is one of the primary concerns of any good project.
- Data storage and retrieval will become faster and easier to maintain because data is stored in a systematic manner and in a single database.
- Decision making process would be greatly enhanced because of faster processing of information since data collection from information available on computer takes much less time then manual system.
- Allocating of sample results becomes much faster because at a time the user can see the records of last years.
- Easier and faster data transfer through latest technology associated with the computer and communication.
- Through these features it will increase the efficiency, accuracy and transparency,

LIMITATIONS:

The size of the database increases day-by-day, increasing the load on the database back up and data maintenance activity.
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6. REFERENCES

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Highly confidential Security System

1.Juttiga Revathi Sri

Dept of CS ,
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2.Karri Lakshmana Reddy

Associate Professor,Dept of CS,
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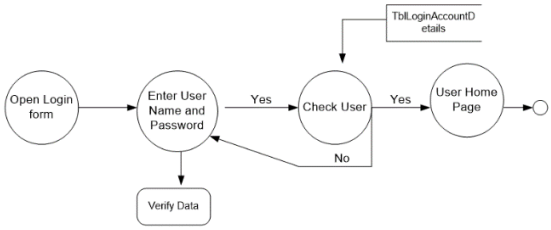


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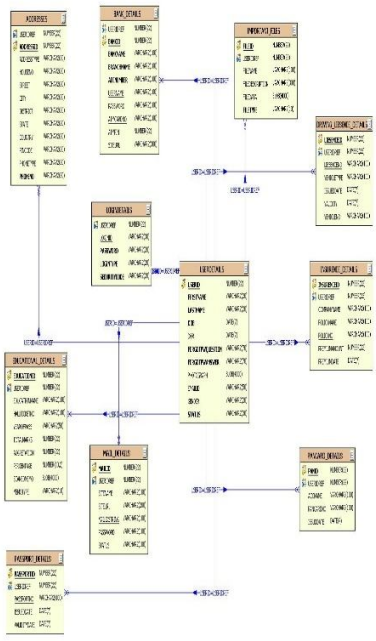


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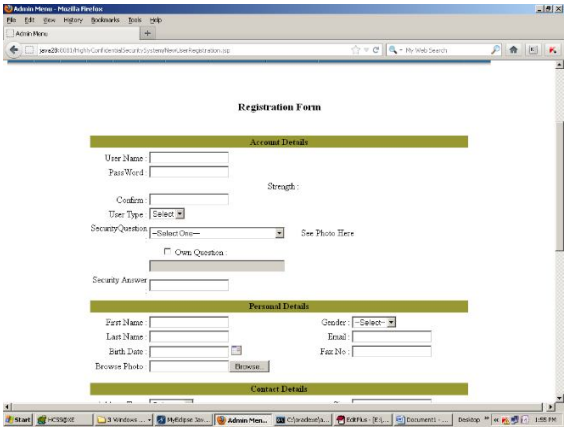


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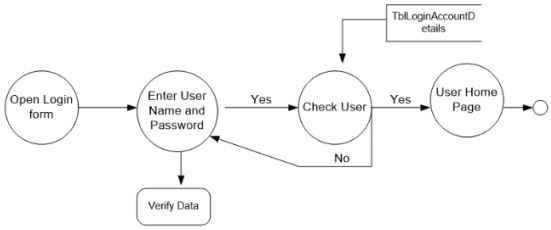


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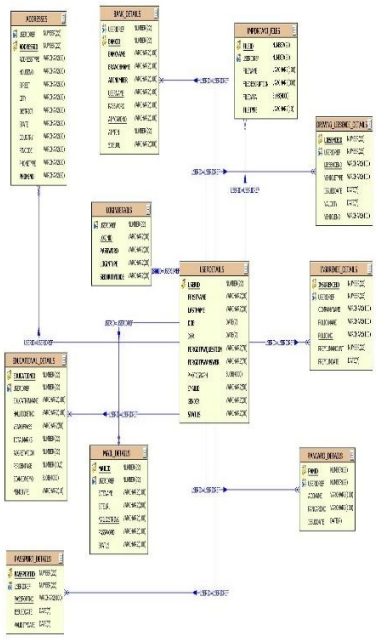


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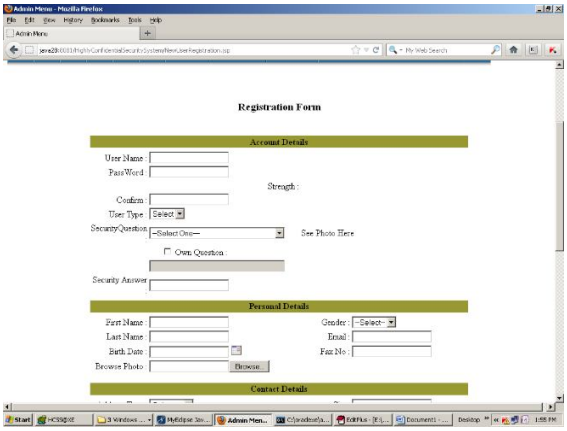


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- Data storage and retrieval will become faster and easier to maintain because data is stored in a systematic manner and in a single database.
- Decision making process would be greatly enhanced because of faster processing of information since data collection from information available on computer takes much less time then manual system.
- Allocating of sample results becomes much faster because at a time the user can see the records of last years.
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Highly confidential Security System

1.Juttiga Revathi Sri

Dept of CS ,
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2.Karri Lakshmana Reddy

Associate Professor,Dept of CS,
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1. INTRODUCTION

Objective:

The objective of this application is to develop a system due to busy life style we can't remember all confidential data like All maid Id, Password, All bank account no, Insurance policy No, PAN NO, Driving License No, Pass Port No, All education certificate Numbers, Some highly value scan copy, so we can store confidential data in single credentials.

The purpose is to maintain a centralized repository of information which can be managed and accessed in a convenient manner. The system allows maintaining a centralized database with facilities to insert, edit and delete data as necessary in securely.

Scope:

This Project gives security on how personal data is to be stored, handled andProtected under the following Personal Confidential data:-

- All mail ids, passwords
- All bank account no
- Insurance policy No
- PAN NO
- Driving License No
- All education certificate Numbers
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Theoretical Background:

- This interface all the activities of all the users.
- This system act as a standard interface between the users stored confidential data in single credential.

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- Users must know their activities like educational details, mail details, passport details, insurance details, banks details etc.

How it works –the concept:

To provide flexibility to the users, the interface have been developed that are accessible through a browser. The GUI'S at the top level have been categorized as

- Administrative user interface
- The operational or generic user interface

The' Administrative user interface' concentrates on the consistent information that is practically , party of the organizational activities and which needs proper authentication for the data collection .The interface help the administrators with all the transactional state like Data and Data updating along with the extensive data search capabilities.

The 'operational or generic user interface' helps the end users of the system in transactions through the existing data and required services. The operational user interface also helps the ordinary user in man aging their own information in a customized manner as per the included flexibilities.

Definition to the problem:

The system involves paper work in the form of maintaining various files and manuals. Maintaining critical information in the files and manuals is a full of risk and a tedious process. This system does not have the capability of security for different users.There is no registration and profile management implemented in the existing system.The existing system user interface does not provide the interface for interaction with various security concepts.

- We should store confidential information in files or disks or any other manual system is not secure.
- The manual system will not provide the more security information.
- If system gets any damage, there may be chance to lose the data.
- Data inconsistencies and loss of data may result because of data mismanagement.
- So this is total manual system and system will not provide any security to user data.

System analysis and system design

Introduction:

Purpose of this project:

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Scope for analysis:

The proposed system targets,the workflow automation of user's details, which involves secure and updating and viewing users details .The present system maintains the details of the users manually. So this way users forgets his/her details and all confidential details will be lost.

The scope assigned in the "HIGHLY CONFIDENTIAL SECURITY SYSTEM (HCCS)" project for development is capable to the users.

Objectives and success criteria of the problem:

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2. OVERVIEW OF THESYSTEM

Current system:

In these present days there is no system provided for this kind of feature where we should store secure information in files or disk drives. So this is total manual system and system will not provide any security to user data .If system gets any damage, there may be chance to lose the data.

Proposed System:

So we can develop highly security web application (Elliptic Curve Cryptography security algorithm). So we can store all confidential data in single credentials.

The development of this new system contains the following activities, which try to automate the entire process keeping in the view of database integration approach with highly confidential security.

- This system maintains user data in encryption description format using algorithms.
- This system maintains user's personal, address, and contact details.
- User friendliness is provided in the application with various controls provided by system rich user interface.
- This system makes the overall project management much easier and flexible.
- Various classes have been used for maintain the details of all the users and catalog.
- Authentication is provided for this application only registered users can access.
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- The system provides facilities to maintain bank account information.
- The system provides facilities to maintain Mails, password account information.
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- The system provides facilities to maintain personal Files Information videos, images account information.
- System provides facility to online user registration.
- This system is providing more memory for the users to maintain data.

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- This system is providing accessibility control to data with respect to users.

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Functional Requirements

Functional requirements describe the interaction between the system and its environment independent of its implementation .The environment includes the user and other system with the system interact.

The proposed system holds the following requirements:

- Every Administrator, user has a login with a valid username and password.
- The Administrator can view users, delete or reject user authentication.
- Each and every user can authenticate by the administrator.
- Every user can be identified by their user Id's.
- Users can add, view, update and delete their personal details.

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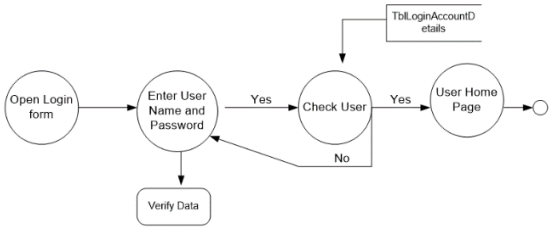


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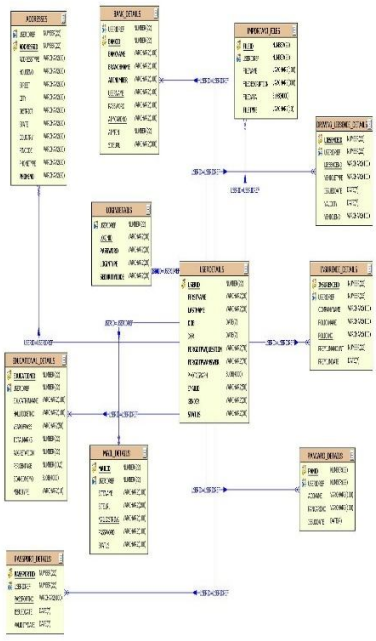


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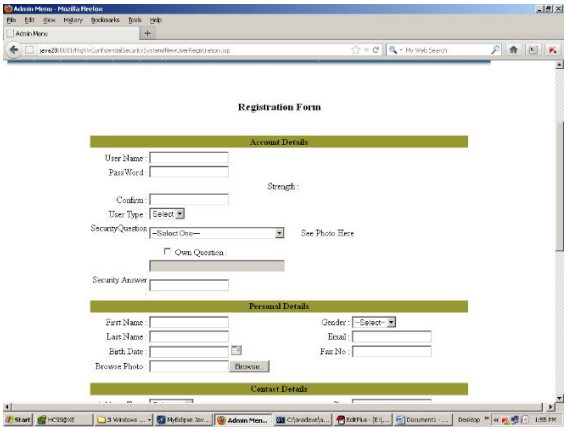


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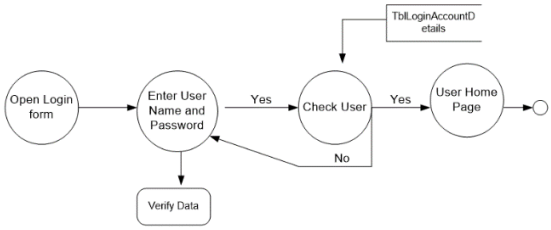


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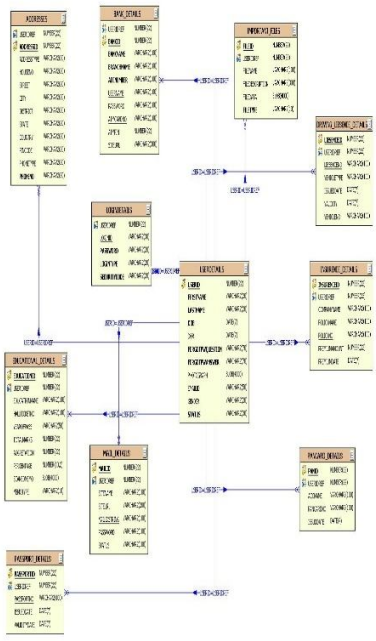


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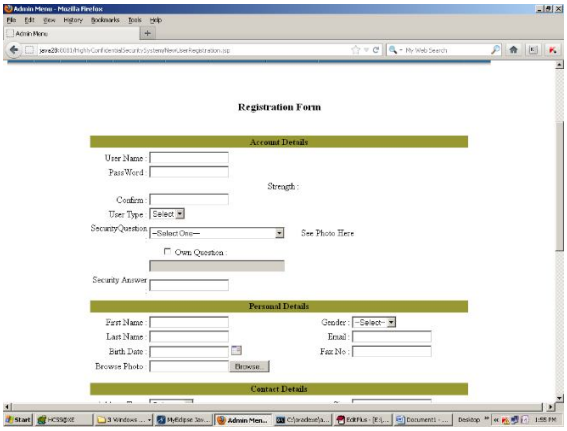


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K. Lakshmana Reddy is working as an Associate in the Department of Computer Science in SVKP & Dr K S Raju Arts &Science College, Penugonda, A.P. He received MCA from Andhra University, 'C' level from DOEACC, New Delhi and M.Tech from Acharya Nagarjuna University. A.P. He attended and presented papers in conferences and seminars. He has done online certifications in several courses from NPTEL. His areas of interests includes Computer Networks Network Security and Cryptography. Formal Languages and Automata Theory and Object Oriented programming languages.

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THINK INDIA JOURNAL

ISSN:0971-1260
Vol-22- Issue-35-December-2019

Highly confidential Security System

1.Juttiga Revathi Sri

Dept of CS ,
SVKP & Dr K S Raju Arts & Science College, Penugonda, A.P, India,

2.Karri Lakshmana Reddy

Associate Professor,Dept of CS,
SVKP & Dr K S Raju Arts & Science College, Penugonda, A.P, India.

Abstract -The proposed project is Highly Confidential Security System. As per the rapid growth of constructing security system for storing highly confidential information with less storage and computational complexities .we proposed a system that organizes the data effectively. It provides mechanism to store information securely and accurately .which try to automate the entire process d in the view of database integration approach with highly confidential security.It maintains user data in encrypted form using cryptographic algorithms. We use Elliptic Curve Cryptography security algorithms as many devices are small and have limited storage and computational power. As ECC key length is short so encryption decryption and signature verification can be done with less time complexity and with reduced.

1. INTRODUCTION

Objective:

The objective of this application is to develop a system due to busy life style we can't remember all confidential data like All maid Id, Password, All bank account no, Insurance policy No, PAN NO, Driving License No, Pass Port No, All education certificate Numbers, Some highly value scan copy, so we can store confidential data in single credentials.

The purpose is to maintain a centralized repository of information which can be managed and accessed in a convenient manner. The system allows maintaining a centralized database with facilities to insert, edit and delete data as necessary in securely.

Scope:

This Project gives security on how personal data is to be stored, handled andProtected under the following Personal Confidential data:-

- All mail ids, passwords
- All bank account no
- Insurance policy No
- PAN NO
- Driving License No
- All education certificate Numbers
- Some highly value scan copy
- Some confidential photo and music, videos.

Theoretical Background:

- This interface all the activities of all the users.
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- Users must know their activities like educational details, mail details, passport details, insurance details, banks details etc.

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To provide flexibility to the users, the interface have been developed that are accessible through a browser. The GUI'S at the top level have been categorized as

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- The operational or generic user interface

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Definition to the problem:

The system involves paper work in the form of maintaining various files and manuals. Maintaining critical information in the files and manuals is a full of risk and a tedious process. This system does not have the capability of security for different users.There is no registration and profile management implemented in the existing system.The existing system user interface does not provide the interface for interaction with various security concepts.

- We should store confidential information in files or disks or any other manual system is not secure.
- The manual system will not provide the more security information.
- If system gets any damage, there may be chance to lose the data.
- Data inconsistencies and loss of data may result because of data mismanagement.
- So this is total manual system and system will not provide any security to user data.

System analysis and system design

Introduction:

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Scope for analysis:

The proposed system targets,the workflow automation of user's details, which involves secure and updating and viewing users details .The present system maintains the details of the users manually. So this way users forgets his/her details and all confidential details will be lost.

The scope assigned in the "HIGHLY CONFIDENTIAL SECURITY SYSTEM (HCCS)" project for development is capable to the users.

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2. OVERVIEW OF THESYSTEM

Current system:

In these present days there is no system provided for this kind of feature where we should store secure information in files or disk drives. So this is total manual system and system will not provide any security to user data .If system gets any damage, there may be chance to lose the data.

Proposed System:

So we can develop highly security web application (Elliptic Curve Cryptography security algorithm). So we can store all confidential data in single credentials.

The development of this new system contains the following activities, which try to automate the entire process keeping in the view of database integration approach with highly confidential security.

- This system maintains user data in encryption description format using algorithms.
- This system maintains user's personal, address, and contact details.
- User friendliness is provided in the application with various controls provided by system rich user interface.
- This system makes the overall project management much easier and flexible.
- Various classes have been used for maintain the details of all the users and catalog.
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- The system provides facilities to maintain personal Files Information videos, images account information.
- System provides facility to online user registration.
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Functional requirements describe the interaction between the system and its environment independent of its implementation .The environment includes the user and other system with the system interact.

The proposed system holds the following requirements:

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- The Administrator can view users, delete or reject user authentication.
- Each and every user can authenticate by the administrator.
- Every user can be identified by their user Id's.
- Users can add, view, update and delete their personal details.

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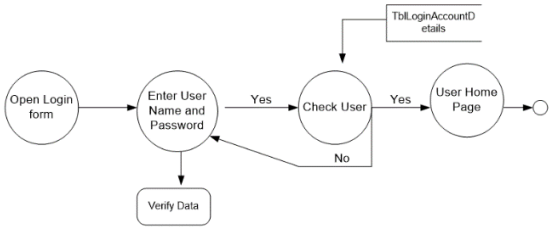


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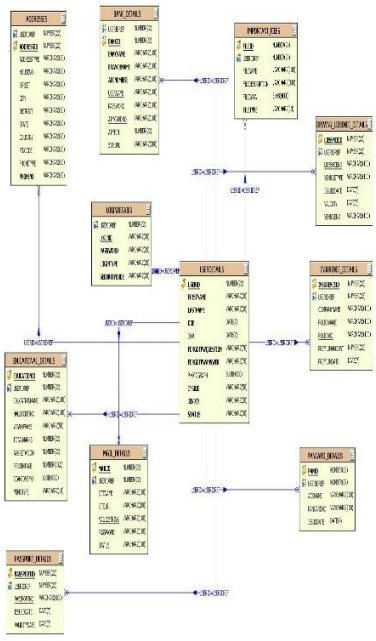


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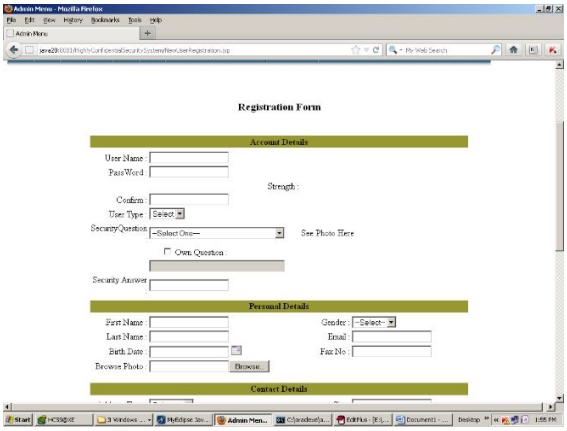


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5. CONCLUSION AND FUTURE ENHANCEMENT

It has been a great pleasure for me to work on this exciting and challenging Online application for the Highly confidential Security Systemproject.It also provides knowledge about the latest technology used in developing web enabled application and client server technology that will be great demand in future. This will provide better opportunities and guidance in future in developing projects independently.

BENEFITS:

The project is identified by the merits of the system offered to the user. The merits of this project are as follows: -

- It's a web-enabled project.
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- Sometimes the user finds in the later stages of using project that he needs to update some of the information that he entered earlier. There are options for him by which he can update the records. Moreover there is restriction for his that he cannot change the primary data field. This keeps the validity of the data to longer extent.
- User is provided the option of monitoring the records he entered earlier. He can see the desired records with the variety of options provided by him.
- From every part of the project the user is provided with the links through framing so that he can go from one option of the project to other as per the requirement. This is bound to be simple and very friendly as per the user is concerned. That is, we can sat that the project is user friendly which is one of the primary concerns of any good project.
- Data storage and retrieval will become faster and easier to maintain because data is stored in a systematic manner and in a single database.
- Decision making process would be greatly enhanced because of faster processing of information since data collection from information available on computer takes much less time then manual system.
- Allocating of sample results becomes much faster because at a time the user can see the records of last years.
- Easier and faster data transfer through latest technology associated with the computer and communication.
- Through these features it will increase the efficiency, accuracy and transparency,

LIMITATIONS:

The size of the database increases day-by-day, increasing the load on the database back up and data maintenance activity.
Training for simple computer operations is necessary for the users working on the system.

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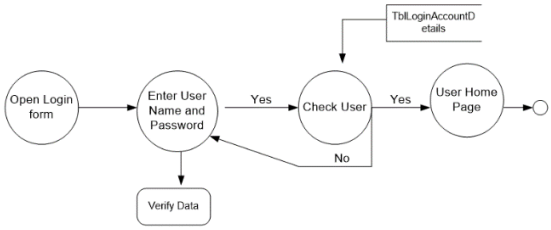


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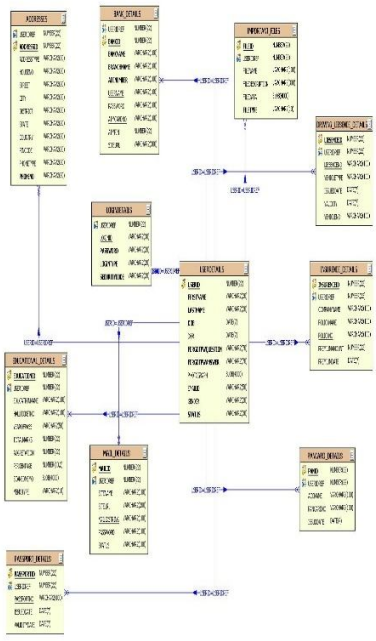


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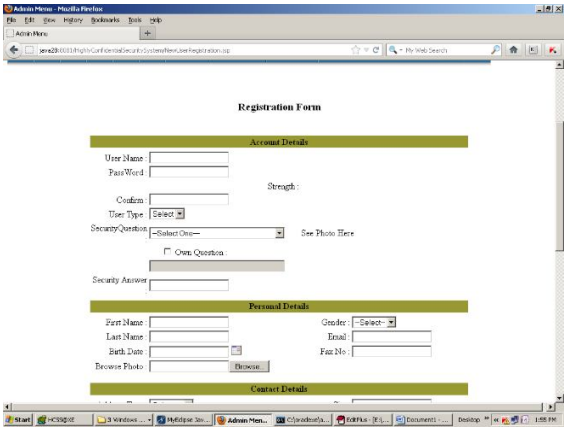


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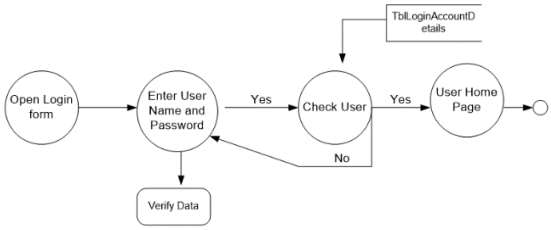


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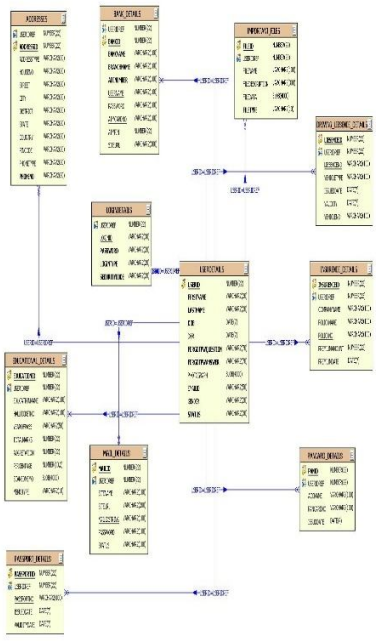


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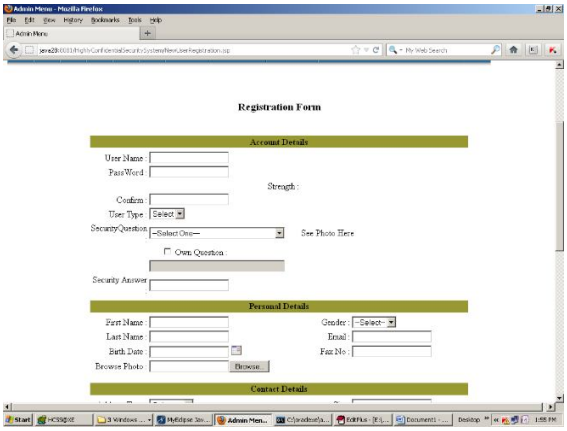


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- User is provided the option of monitoring the records he entered earlier. He can see the desired records with the variety of options provided by him.
- From every part of the project the user is provided with the links through framing so that he can go from one option of the project to other as per the requirement. This is bound to be simple and very friendly as per the user is concerned. That is, we can sat that the project is user friendly which is one of the primary concerns of any good project.
- Data storage and retrieval will become faster and easier to maintain because data is stored in a systematic manner and in a single database.
- Decision making process would be greatly enhanced because of faster processing of information since data collection from information available on computer takes much less time then manual system.
- Allocating of sample results becomes much faster because at a time the user can see the records of last years.
- Easier and faster data transfer through latest technology associated with the computer and communication.
- Through these features it will increase the efficiency, accuracy and transparency,

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Training for simple computer operations is necessary for the users working on the system.

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Highly confidential Security System

1.Juttiga Revathi Sri

Dept of CS ,
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2.Karri Lakshmana Reddy

Associate Professor,Dept of CS,
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This Project gives security on how personal data is to be stored, handled andProtected under the following Personal Confidential data:-

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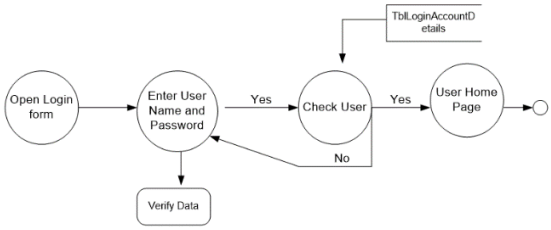


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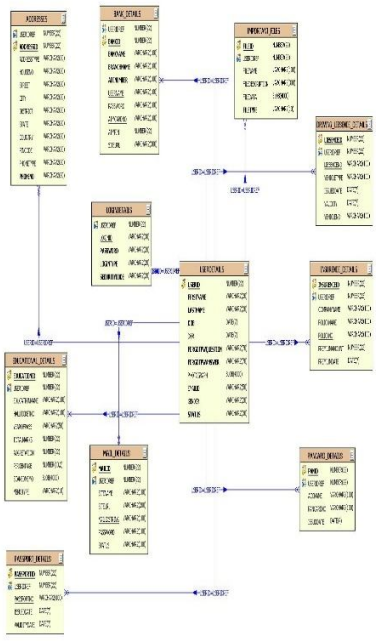


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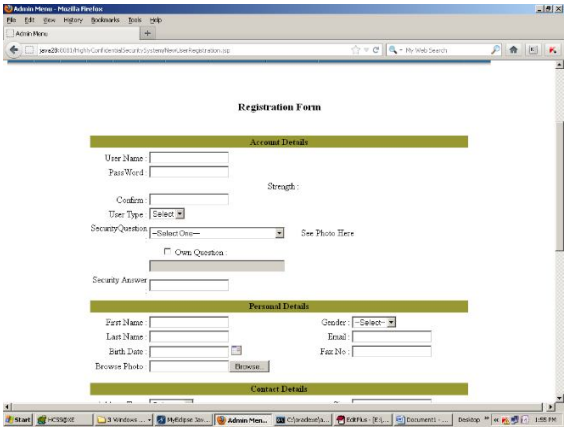


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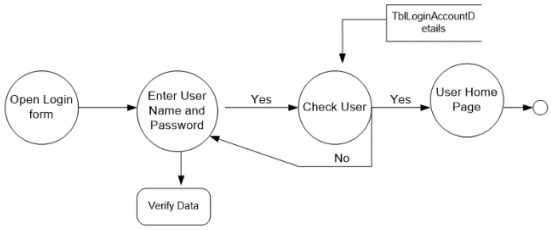


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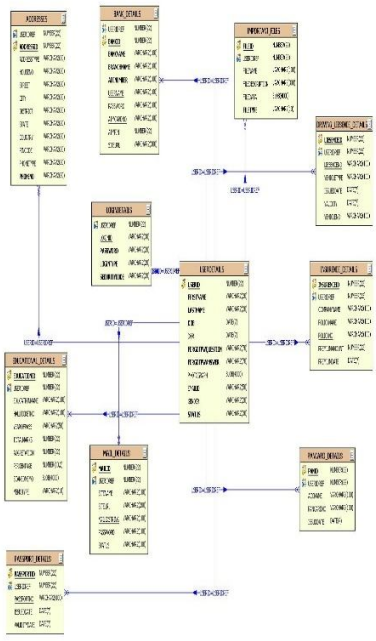


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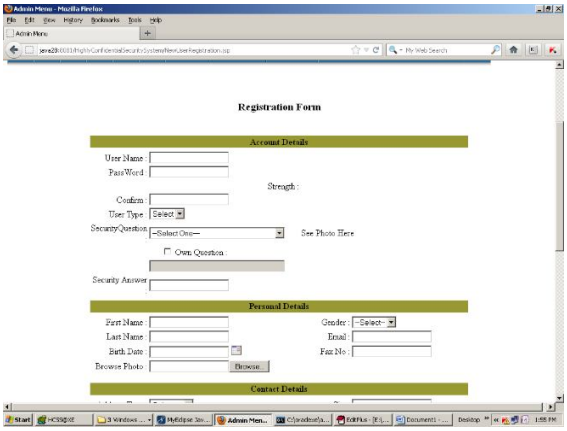


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- User is provided the option of monitoring the records he entered earlier. He can see the desired records with the variety of options provided by him.
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- Data storage and retrieval will become faster and easier to maintain because data is stored in a systematic manner and in a single database.
- Decision making process would be greatly enhanced because of faster processing of information since data collection from information available on computer takes much less time then manual system.
- Allocating of sample results becomes much faster because at a time the user can see the records of last years.
- Easier and faster data transfer through latest technology associated with the computer and communication.
- Through these features it will increase the efficiency, accuracy and transparency,

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Training for simple computer operations is necessary for the users working on the system.

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Highly confidential Security System

1.Juttiga Revathi Sri

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2.Karri Lakshmana Reddy

Associate Professor,Dept of CS,
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1. INTRODUCTION

Objective:

The objective of this application is to develop a system due to busy life style we can't remember all confidential data like All maid Id, Password, All bank account no, Insurance policy No, PAN NO, Driving License No, Pass Port No, All education certificate Numbers, Some highly value scan copy, so we can store confidential data in single credentials.

The purpose is to maintain a centralized repository of information which can be managed and accessed in a convenient manner. The system allows maintaining a centralized database with facilities to insert, edit and delete data as necessary in securely.

Scope:

This Project gives security on how personal data is to be stored, handled andProtected under the following Personal Confidential data:-

- All mail ids, passwords
- All bank account no
- Insurance policy No
- PAN NO
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- All education certificate Numbers
- Some highly value scan copy
- Some confidential photo and music, videos.

Theoretical Background:

- This interface all the activities of all the users.
- This system act as a standard interface between the users stored confidential data in single credential.

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- Users must know their activities like educational details, mail details, passport details, insurance details, banks details etc.

How it works –the concept:

To provide flexibility to the users, the interface have been developed that are accessible through a browser. The GUI'S at the top level have been categorized as

- Administrative user interface
- The operational or generic user interface

The' Administrative user interface' concentrates on the consistent information that is practically , party of the organizational activities and which needs proper authentication for the data collection .The interface help the administrators with all the transactional state like Data and Data updating along with the extensive data search capabilities.

The 'operational or generic user interface' helps the end users of the system in transactions through the existing data and required services. The operational user interface also helps the ordinary user in man aging their own information in a customized manner as per the included flexibilities.

Definition to the problem:

The system involves paper work in the form of maintaining various files and manuals. Maintaining critical information in the files and manuals is a full of risk and a tedious process. This system does not have the capability of security for different users.There is no registration and profile management implemented in the existing system.The existing system user interface does not provide the interface for interaction with various security concepts.

- We should store confidential information in files or disks or any other manual system is not secure.
- The manual system will not provide the more security information.
- If system gets any damage, there may be chance to lose the data.
- Data inconsistencies and loss of data may result because of data mismanagement.
- So this is total manual system and system will not provide any security to user data.

System analysis and system design

Introduction:

Purpose of this project:

Due to busy life style we can't remember all confidential data like All maid Id, Password, All bank account no, Insurance policy No, PAN NO, Driving License No, Password PortNo, All education certificate Numbers, Some highly value scan copy, some confidential photo and music ,videos. So we can store all confidential data in single credentials.

Scope for analysis:

The proposed system targets,the workflow automation of user's details, which involves secure and updating and viewing users details .The present system maintains the details of the users manually. So this way users forgets his/her details and all confidential details will be lost.

The scope assigned in the "HIGHLY CONFIDENTIAL SECURITY SYSTEM (HCCS)" project for development is capable to the users.

Objectives and success criteria of the problem:

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2. OVERVIEW OF THESYSTEM

Current system:

In these present days there is no system provided for this kind of feature where we should store secure information in files or disk drives. So this is total manual system and system will not provide any security to user data .If system gets any damage, there may be chance to lose the data.

Proposed System:

So we can develop highly security web application (Elliptic Curve Cryptography security algorithm). So we can store all confidential data in single credentials.

The development of this new system contains the following activities, which try to automate the entire process keeping in the view of database integration approach with highly confidential security.

- This system maintains user data in encryption description format using algorithms.
- This system maintains user's personal, address, and contact details.
- User friendliness is provided in the application with various controls provided by system rich user interface.
- This system makes the overall project management much easier and flexible.
- Various classes have been used for maintain the details of all the users and catalog.
- Authentication is provided for this application only registered users can access.
- Report generation features is provided using to generate different kind of reports.
- The system provides facilities to maintain bank account information.
- The system provides facilities to maintain Mails, password account information.
- The system provides facilities to maintain all education information marks memo, scanned copies information.
- The system provides facilities to maintain License, passport, insurances account information.
- The system provides facilities to maintain personal Files Information videos, images account information.
- System provides facility to online user registration.
- This system is providing more memory for the users to maintain data.

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- This system is providing accessibility control to data with respect to users.

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Functional Requirements

Functional requirements describe the interaction between the system and its environment independent of its implementation .The environment includes the user and other system with the system interact.

The proposed system holds the following requirements:

- Every Administrator, user has a login with a valid username and password.
- The Administrator can view users, delete or reject user authentication.
- Each and every user can authenticate by the administrator.
- Every user can be identified by their user Id's.
- Users can add, view, update and delete their personal details.

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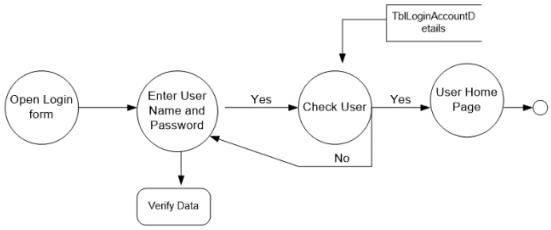


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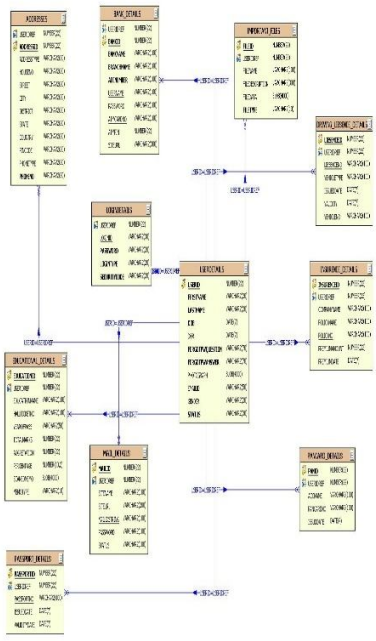


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4. OUTPUT SCREEN SHOTS

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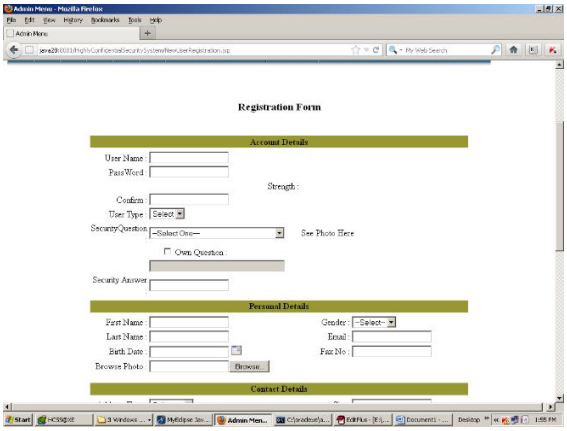


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5. CONCLUSION AND FUTURE ENHANCEMENT

It has been a great pleasure for me to work on this exciting and challenging Online application for the Highly confidential Security Systemproject.It also provides knowledge about the latest technology used in developing web enabled application and client server technology that will be great demand in future. This will provide better opportunities and guidance in future in developing projects independently.

BENEFITS:

The project is identified by the merits of the system offered to the user. The merits of this project are as follows: -

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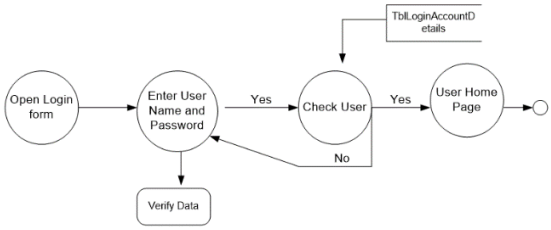


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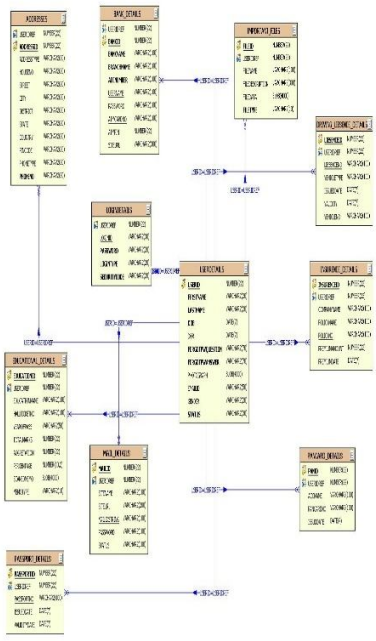


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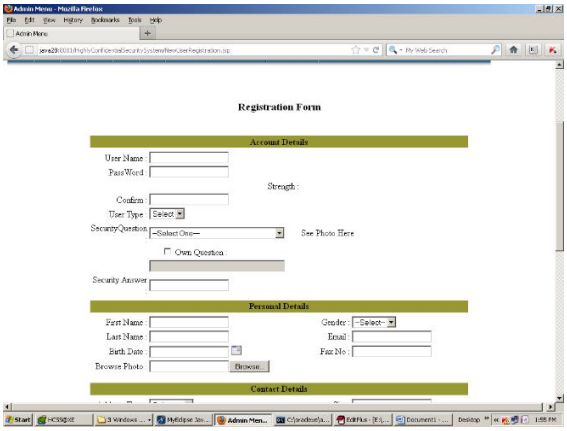


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- Users must know their activities like educational details, mail details, passport details, insurance details, banks details etc.

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- We should store confidential information in files or disks or any other manual system is not secure.
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System analysis and system design

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Due to busy life style we can't remember all confidential data like All maid Id, Password, All bank account no, Insurance policy No, PAN NO, Driving License No, Password PortNo, All education certificate Numbers, Some highly value scan copy, some confidential photo and music ,videos. So we can store all confidential data in single credentials.

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Current system:

In these present days there is no system provided for this kind of feature where we should store secure information in files or disk drives. So this is total manual system and system will not provide any security to user data .If system gets any damage, there may be chance to lose the data.

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So we can develop highly security web application (Elliptic Curve Cryptography security algorithm). So we can store all confidential data in single credentials.

The development of this new system contains the following activities, which try to automate the entire process keeping in the view of database integration approach with highly confidential security.

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- This system maintains user's personal, address, and contact details.
- User friendliness is provided in the application with various controls provided by system rich user interface.
- This system makes the overall project management much easier and flexible.
- Various classes have been used for maintain the details of all the users and catalog.
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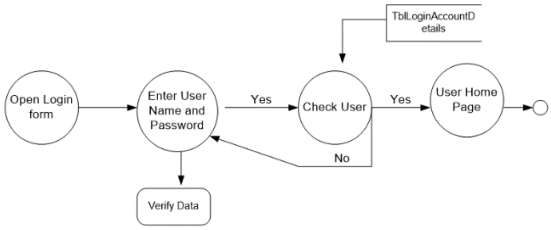


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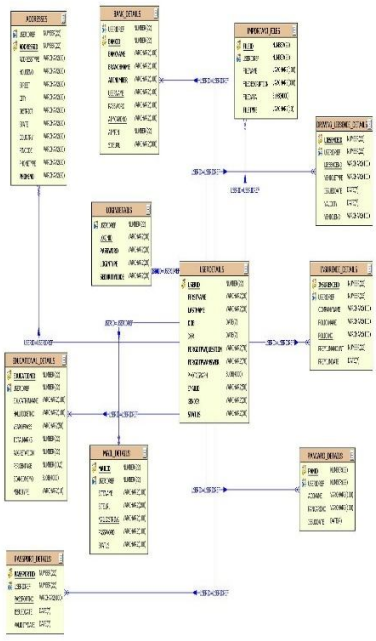


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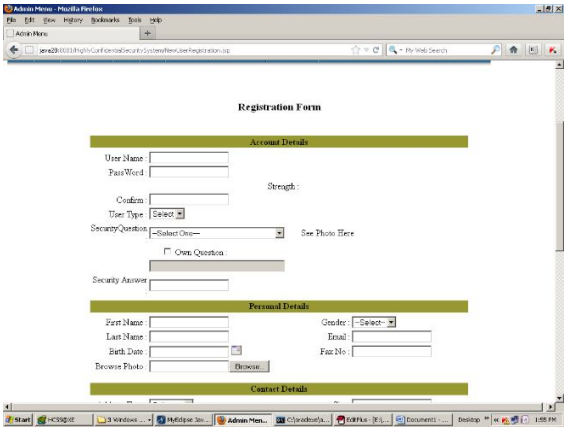


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- User is provided the option of monitoring the records he entered earlier. He can see the desired records with the variety of options provided by him.
- From every part of the project the user is provided with the links through framing so that he can go from one option of the project to other as per the requirement. This is bound to be simple and very friendly as per the user is concerned. That is, we can sat that the project is user friendly which is one of the primary concerns of any good project.
- Data storage and retrieval will become faster and easier to maintain because data is stored in a systematic manner and in a single database.
- Decision making process would be greatly enhanced because of faster processing of information since data collection from information available on computer takes much less time then manual system.
- Allocating of sample results becomes much faster because at a time the user can see the records of last years.
- Easier and faster data transfer through latest technology associated with the computer and communication.
- Through these features it will increase the efficiency, accuracy and transparency,

LIMITATIONS:

The size of the database increases day-by-day, increasing the load on the database back up and data maintenance activity.
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6. REFERENCES

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Highly confidential Security System

1.Juttiga Revathi Sri

Dept of CS ,
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2.Karri Lakshmana Reddy

Associate Professor,Dept of CS,
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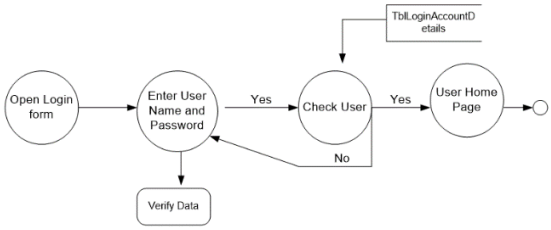


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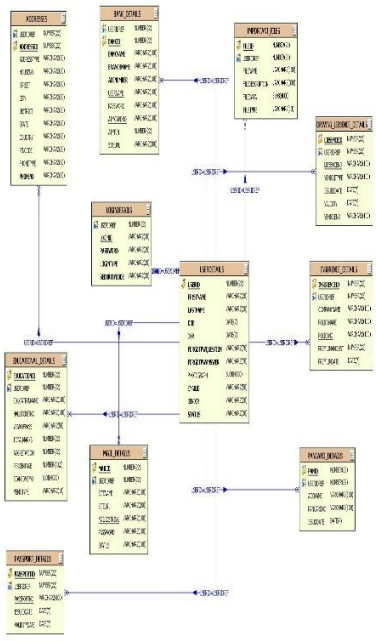


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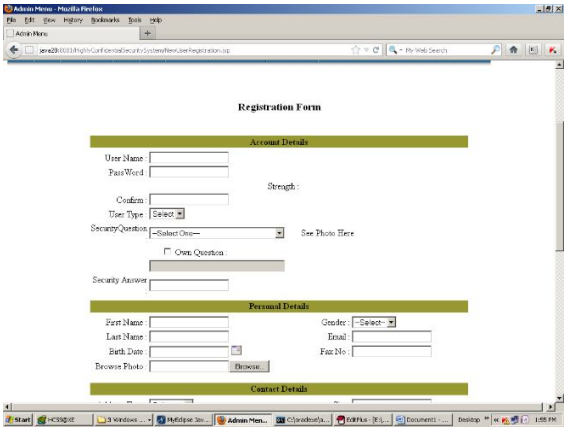


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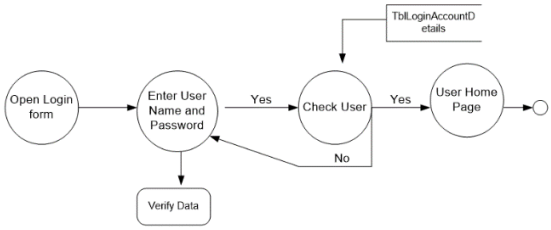


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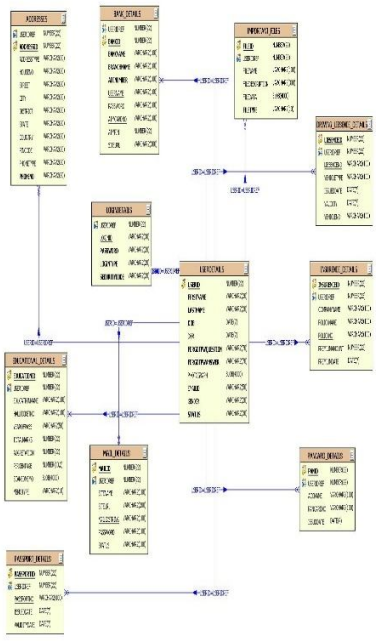


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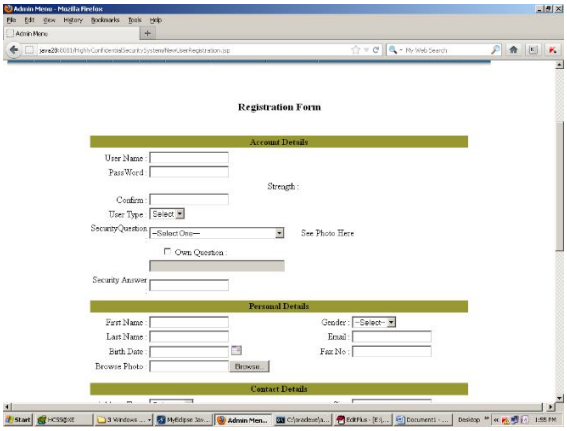


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- Decision making process would be greatly enhanced because of faster processing of information since data collection from information available on computer takes much less time then manual system.
- Allocating of sample results becomes much faster because at a time the user can see the records of last years.
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Highly confidential Security System

1.Juttiga Revathi Sri

Dept of CS ,
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2.Karri Lakshmana Reddy

Associate Professor,Dept of CS,
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1. INTRODUCTION

Objective:

The objective of this application is to develop a system due to busy life style we can't remember all confidential data like All maid Id, Password, All bank account no, Insurance policy No, PAN NO, Driving License No, Pass Port No, All education certificate Numbers, Some highly value scan copy, so we can store confidential data in single credentials.

The purpose is to maintain a centralized repository of information which can be managed and accessed in a convenient manner. The system allows maintaining a centralized database with facilities to insert, edit and delete data as necessary in securely.

Scope:

This Project gives security on how personal data is to be stored, handled andProtected under the following Personal Confidential data:-

- All mail ids, passwords
- All bank account no
- Insurance policy No
- PAN NO
- Driving License No
- All education certificate Numbers
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Theoretical Background:

- This interface all the activities of all the users.
- This system act as a standard interface between the users stored confidential data in single credential.

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- Users must know their activities like educational details, mail details, passport details, insurance details, banks details etc.

How it works –the concept:

To provide flexibility to the users, the interface have been developed that are accessible through a browser. The GUI'S at the top level have been categorized as

- Administrative user interface
- The operational or generic user interface

The' Administrative user interface' concentrates on the consistent information that is practically , party of the organizational activities and which needs proper authentication for the data collection .The interface help the administrators with all the transactional state like Data and Data updating along with the extensive data search capabilities.

The 'operational or generic user interface' helps the end users of the system in transactions through the existing data and required services. The operational user interface also helps the ordinary user in man aging their own information in a customized manner as per the included flexibilities.

Definition to the problem:

The system involves paper work in the form of maintaining various files and manuals. Maintaining critical information in the files and manuals is a full of risk and a tedious process. This system does not have the capability of security for different users.There is no registration and profile management implemented in the existing system.The existing system user interface does not provide the interface for interaction with various security concepts.

- We should store confidential information in files or disks or any other manual system is not secure.
- The manual system will not provide the more security information.
- If system gets any damage, there may be chance to lose the data.
- Data inconsistencies and loss of data may result because of data mismanagement.
- So this is total manual system and system will not provide any security to user data.

System analysis and system design

Introduction:

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Scope for analysis:

The proposed system targets,the workflow automation of user's details, which involves secure and updating and viewing users details .The present system maintains the details of the users manually. So this way users forgets his/her details and all confidential details will be lost.

The scope assigned in the "HIGHLY CONFIDENTIAL SECURITY SYSTEM (HCCS)" project for development is capable to the users.

Objectives and success criteria of the problem:

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2. OVERVIEW OF THESYSTEM

Current system:

In these present days there is no system provided for this kind of feature where we should store secure information in files or disk drives. So this is total manual system and system will not provide any security to user data .If system gets any damage, there may be chance to lose the data.

Proposed System:

So we can develop highly security web application (Elliptic Curve Cryptography security algorithm). So we can store all confidential data in single credentials.

The development of this new system contains the following activities, which try to automate the entire process keeping in the view of database integration approach with highly confidential security.

- This system maintains user data in encryption description format using algorithms.
- This system maintains user's personal, address, and contact details.
- User friendliness is provided in the application with various controls provided by system rich user interface.
- This system makes the overall project management much easier and flexible.
- Various classes have been used for maintain the details of all the users and catalog.
- Authentication is provided for this application only registered users can access.
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- The system provides facilities to maintain bank account information.
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- The system provides facilities to maintain personal Files Information videos, images account information.
- System provides facility to online user registration.
- This system is providing more memory for the users to maintain data.

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- This system is providing accessibility control to data with respect to users.

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Functional Requirements

Functional requirements describe the interaction between the system and its environment independent of its implementation .The environment includes the user and other system with the system interact.

The proposed system holds the following requirements:

- Every Administrator, user has a login with a valid username and password.
- The Administrator can view users, delete or reject user authentication.
- Each and every user can authenticate by the administrator.
- Every user can be identified by their user Id's.
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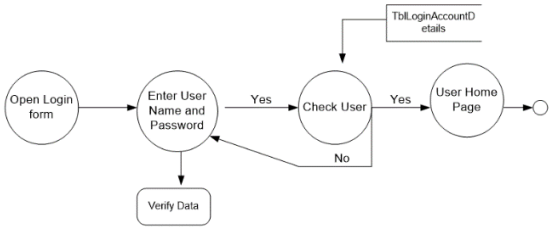


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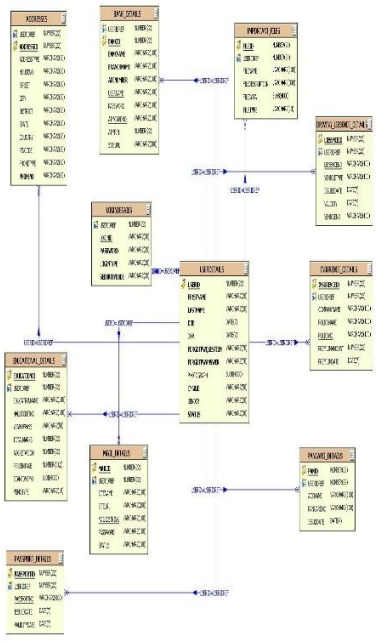


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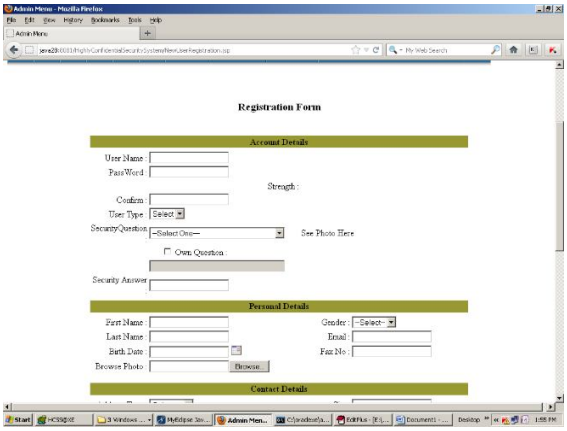


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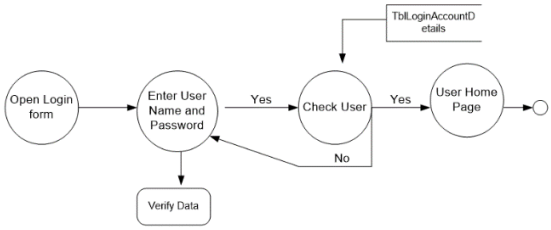


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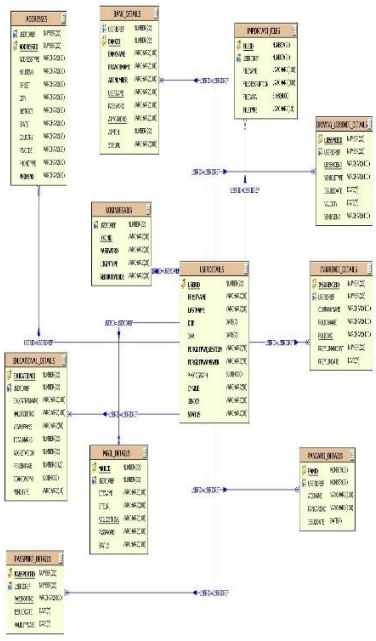


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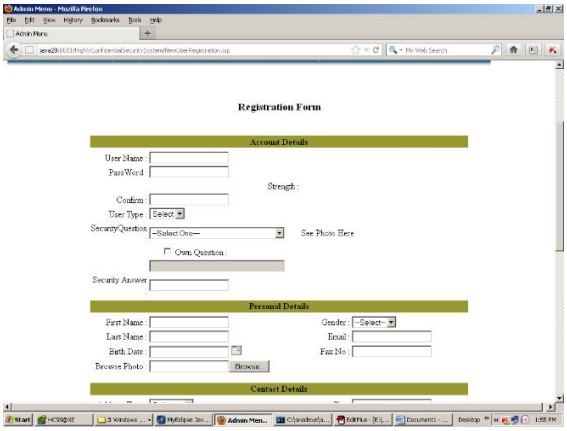


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K. Lakshmana Reddy is working as an Associate in the Department of Computer Science in SVKP & Dr K S Raju Arts &Science College, Penugonda, A.P. He received MCA from Andhra University, 'C' level from DOEACC, New Delhi and M.Tech from Acharya Nagarjuna University. A.P. He attended and presented papers in conferences and seminars. He has done online certifications in several courses from NPTEL. His areas of interests includes Computer Networks Network Security and Cryptography. Formal Languages and Automata Theory and Object Oriented programming languages.

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THINK INDIA JOURNAL

ISSN:0971-1260
Vol-22- Issue-35-December-2019

Highly confidential Security System

1.Juttiga Revathi Sri

Dept of CS ,
SVKP & Dr K S Raju Arts & Science College, Penugonda, A.P, India,

2.Karri Lakshmana Reddy

Associate Professor,Dept of CS,
SVKP & Dr K S Raju Arts & Science College, Penugonda, A.P, India.

Abstract -The proposed project is Highly Confidential Security System. As per the rapid growth of constructing security system for storing highly confidential information with less storage and computational complexities .we proposed a system that organizes the data effectively. It provides mechanism to store information securely and accurately .which try to automate the entire process d in the view of database integration approach with highly confidential security.It maintains user data in encrypted form using cryptographic algorithms. We use Elliptic Curve Cryptography security algorithms as many devices are small and have limited storage and computational power. As ECC key length is short so encryption decryption and signature verification can be done with less time complexity and with reduced.

1. INTRODUCTION

Objective:

The objective of this application is to develop a system due to busy life style we can't remember all confidential data like All maid Id, Password, All bank account no, Insurance policy No, PAN NO, Driving License No, Pass Port No, All education certificate Numbers, Some highly value scan copy, so we can store confidential data in single credentials.

The purpose is to maintain a centralized repository of information which can be managed and accessed in a convenient manner. The system allows maintaining a centralized database with facilities to insert, edit and delete data as necessary in securely.

Scope:

This Project gives security on how personal data is to be stored, handled andProtected under the following Personal Confidential data:-

- All mail ids, passwords
- All bank account no
- Insurance policy No
- PAN NO
- Driving License No
- All education certificate Numbers
- Some highly value scan copy
- Some confidential photo and music, videos.

Theoretical Background:

- This interface all the activities of all the users.
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- Users must know their activities like educational details, mail details, passport details, insurance details, banks details etc.

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To provide flexibility to the users, the interface have been developed that are accessible through a browser. The GUI'S at the top level have been categorized as

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- The operational or generic user interface

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Definition to the problem:

The system involves paper work in the form of maintaining various files and manuals. Maintaining critical information in the files and manuals is a full of risk and a tedious process. This system does not have the capability of security for different users.There is no registration and profile management implemented in the existing system.The existing system user interface does not provide the interface for interaction with various security concepts.

- We should store confidential information in files or disks or any other manual system is not secure.
- The manual system will not provide the more security information.
- If system gets any damage, there may be chance to lose the data.
- Data inconsistencies and loss of data may result because of data mismanagement.
- So this is total manual system and system will not provide any security to user data.

System analysis and system design

Introduction:

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Scope for analysis:

The proposed system targets,the workflow automation of user's details, which involves secure and updating and viewing users details .The present system maintains the details of the users manually. So this way users forgets his/her details and all confidential details will be lost.

The scope assigned in the "HIGHLY CONFIDENTIAL SECURITY SYSTEM (HCCS)" project for development is capable to the users.

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Current system:

In these present days there is no system provided for this kind of feature where we should store secure information in files or disk drives. So this is total manual system and system will not provide any security to user data .If system gets any damage, there may be chance to lose the data.

Proposed System:

So we can develop highly security web application (Elliptic Curve Cryptography security algorithm). So we can store all confidential data in single credentials.

The development of this new system contains the following activities, which try to automate the entire process keeping in the view of database integration approach with highly confidential security.

- This system maintains user data in encryption description format using algorithms.
- This system maintains user's personal, address, and contact details.
- User friendliness is provided in the application with various controls provided by system rich user interface.
- This system makes the overall project management much easier and flexible.
- Various classes have been used for maintain the details of all the users and catalog.
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- The system provides facilities to maintain personal Files Information videos, images account information.
- System provides facility to online user registration.
- This system is providing more memory for the users to maintain data.

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Functional requirements describe the interaction between the system and its environment independent of its implementation .The environment includes the user and other system with the system interact.

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- The Administrator can view users, delete or reject user authentication.
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- Every user can be identified by their user Id's.
- Users can add, view, update and delete their personal details.

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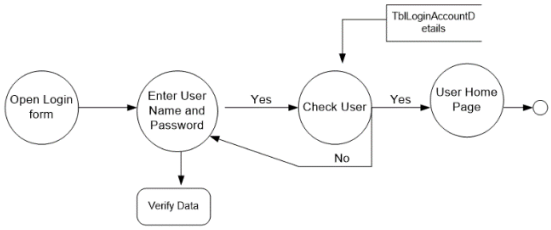


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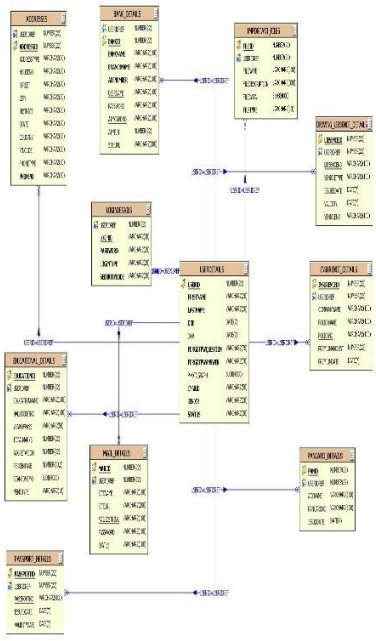


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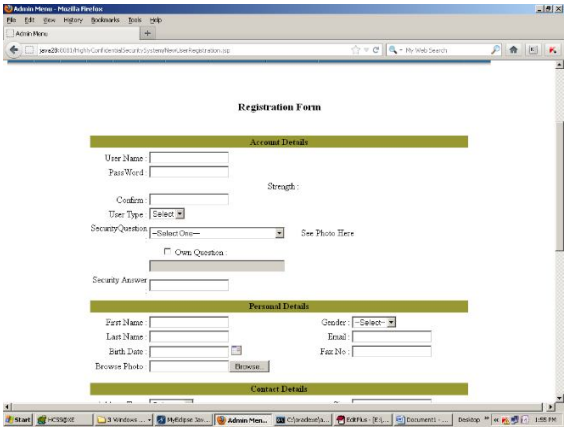


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5. CONCLUSION AND FUTURE ENHANCEMENT

It has been a great pleasure for me to work on this exciting and challenging Online application for the Highly confidential Security Systemproject.It also provides knowledge about the latest technology used in developing web enabled application and client server technology that will be great demand in future. This will provide better opportunities and guidance in future in developing projects independently.

BENEFITS:

The project is identified by the merits of the system offered to the user. The merits of this project are as follows: -

- It's a web-enabled project.
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- Sometimes the user finds in the later stages of using project that he needs to update some of the information that he entered earlier. There are options for him by which he can update the records. Moreover there is restriction for his that he cannot change the primary data field. This keeps the validity of the data to longer extent.
- User is provided the option of monitoring the records he entered earlier. He can see the desired records with the variety of options provided by him.
- From every part of the project the user is provided with the links through framing so that he can go from one option of the project to other as per the requirement. This is bound to be simple and very friendly as per the user is concerned. That is, we can sat that the project is user friendly which is one of the primary concerns of any good project.
- Data storage and retrieval will become faster and easier to maintain because data is stored in a systematic manner and in a single database.
- Decision making process would be greatly enhanced because of faster processing of information since data collection from information available on computer takes much less time then manual system.
- Allocating of sample results becomes much faster because at a time the user can see the records of last years.
- Easier and faster data transfer through latest technology associated with the computer and communication.
- Through these features it will increase the efficiency, accuracy and transparency,

LIMITATIONS:

The size of the database increases day-by-day, increasing the load on the database back up and data maintenance activity.
Training for simple computer operations is necessary for the users working on the system.

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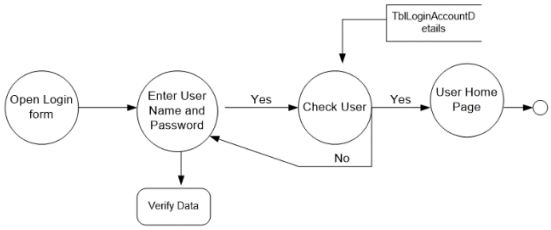


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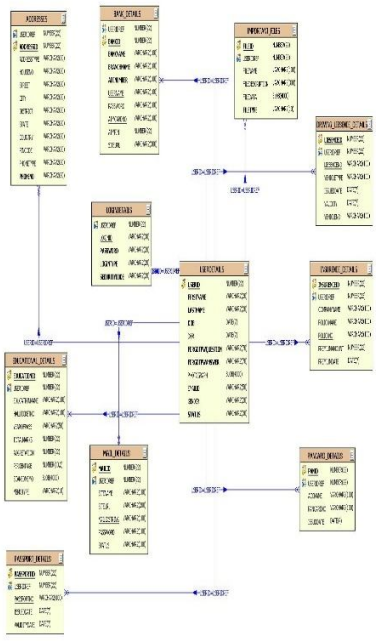


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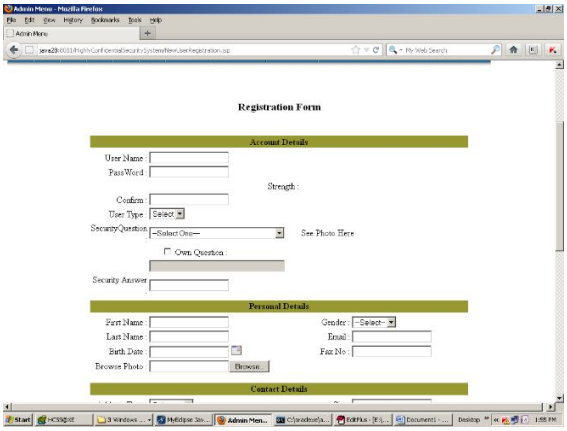


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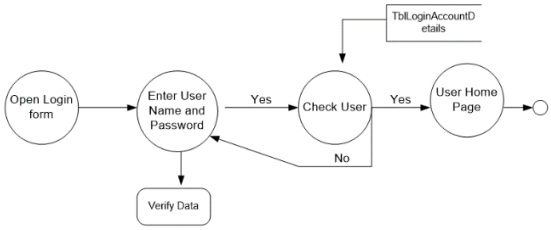


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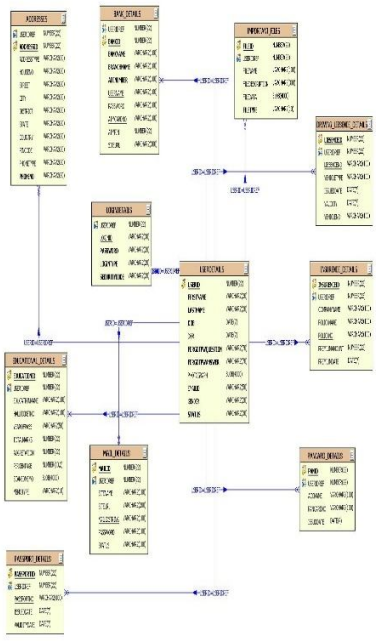


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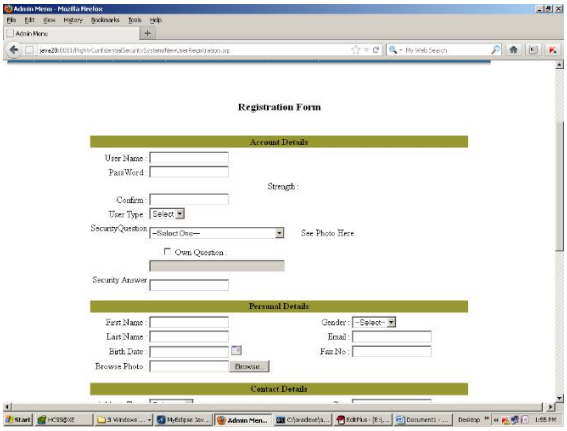


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- User is provided the option of monitoring the records he entered earlier. He can see the desired records with the variety of options provided by him.
- From every part of the project the user is provided with the links through framing so that he can go from one option of the project to other as per the requirement. This is bound to be simple and very friendly as per the user is concerned. That is, we can sat that the project is user friendly which is one of the primary concerns of any good project.
- Data storage and retrieval will become faster and easier to maintain because data is stored in a systematic manner and in a single database.
- Decision making process would be greatly enhanced because of faster processing of information since data collection from information available on computer takes much less time then manual system.
- Allocating of sample results becomes much faster because at a time the user can see the records of last years.
- Easier and faster data transfer through latest technology associated with the computer and communication.
- Through these features it will increase the efficiency, accuracy and transparency,

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Highly confidential Security System

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2.Karri Lakshmana Reddy

Associate Professor,Dept of CS,
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This Project gives security on how personal data is to be stored, handled andProtected under the following Personal Confidential data:-

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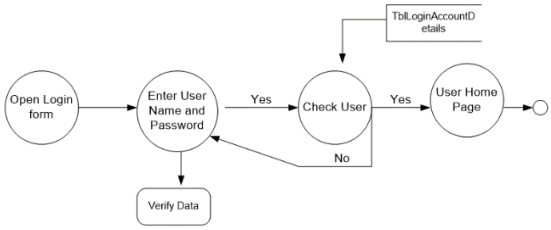


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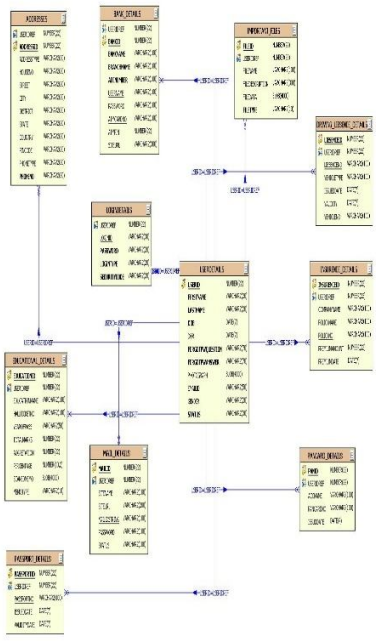


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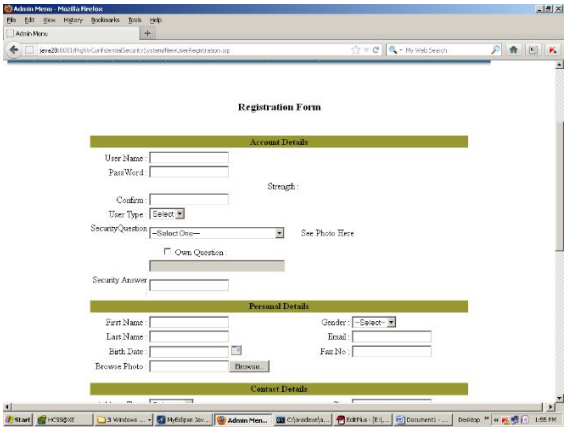


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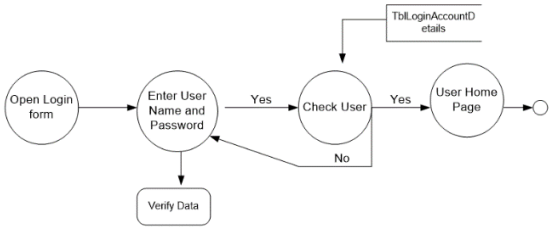


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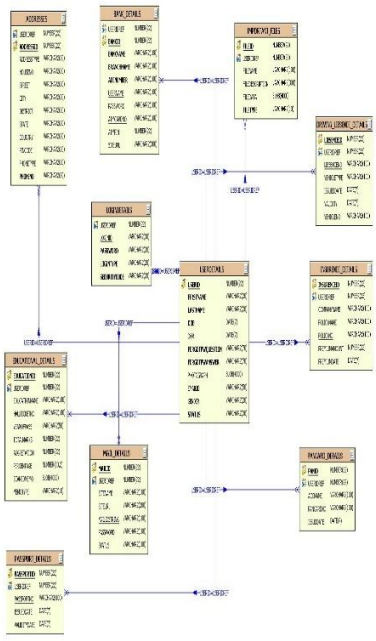


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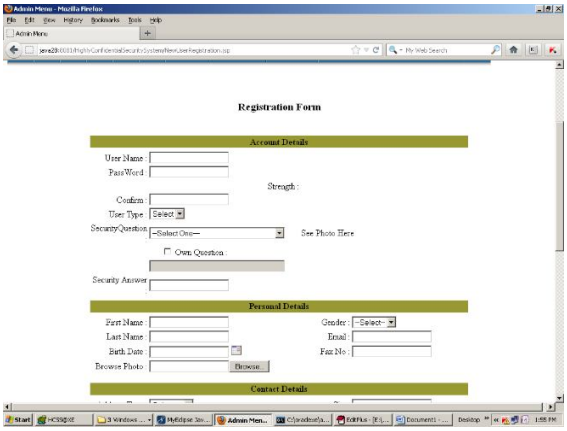


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- User is provided the option of monitoring the records he entered earlier. He can see the desired records with the variety of options provided by him.
- From every part of the project the user is provided with the links through framing so that he can go from one option of the project to other as per the requirement. This is bound to be simple and very friendly as per the user is concerned. That is, we can sat that the project is user friendly which is one of the primary concerns of any good project.
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- Decision making process would be greatly enhanced because of faster processing of information since data collection from information available on computer takes much less time then manual system.
- Allocating of sample results becomes much faster because at a time the user can see the records of last years.
- Easier and faster data transfer through latest technology associated with the computer and communication.
- Through these features it will increase the efficiency, accuracy and transparency,

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Training for simple computer operations is necessary for the users working on the system.

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Highly confidential Security System

1.Juttiga Revathi Sri

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2.Karri Lakshmana Reddy

Associate Professor,Dept of CS,
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1. INTRODUCTION

Objective:

The objective of this application is to develop a system due to busy life style we can't remember all confidential data like All maid Id, Password, All bank account no, Insurance policy No, PAN NO, Driving License No, Pass Port No, All education certificate Numbers, Some highly value scan copy, so we can store confidential data in single credentials.

The purpose is to maintain a centralized repository of information which can be managed and accessed in a convenient manner. The system allows maintaining a centralized database with facilities to insert, edit and delete data as necessary in securely.

Scope:

This Project gives security on how personal data is to be stored, handled andProtected under the following Personal Confidential data:-

- All mail ids, passwords
- All bank account no
- Insurance policy No
- PAN NO
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- All education certificate Numbers
- Some highly value scan copy
- Some confidential photo and music, videos.

Theoretical Background:

- This interface all the activities of all the users.
- This system act as a standard interface between the users stored confidential data in single credential.

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- Users must know their activities like educational details, mail details, passport details, insurance details, banks details etc.

How it works –the concept:

To provide flexibility to the users, the interface have been developed that are accessible through a browser. The GUI'S at the top level have been categorized as

- Administrative user interface
- The operational or generic user interface

The' Administrative user interface' concentrates on the consistent information that is practically , party of the organizational activities and which needs proper authentication for the data collection .The interface help the administrators with all the transactional state like Data and Data updating along with the extensive data search capabilities.

The 'operational or generic user interface' helps the end users of the system in transactions through the existing data and required services. The operational user interface also helps the ordinary user in man aging their own information in a customized manner as per the included flexibilities.

Definition to the problem:

The system involves paper work in the form of maintaining various files and manuals. Maintaining critical information in the files and manuals is a full of risk and a tedious process. This system does not have the capability of security for different users.There is no registration and profile management implemented in the existing system.The existing system user interface does not provide the interface for interaction with various security concepts.

- We should store confidential information in files or disks or any other manual system is not secure.
- The manual system will not provide the more security information.
- If system gets any damage, there may be chance to lose the data.
- Data inconsistencies and loss of data may result because of data mismanagement.
- So this is total manual system and system will not provide any security to user data.

System analysis and system design

Introduction:

Purpose of this project:

Due to busy life style we can't remember all confidential data like All maid Id, Password, All bank account no, Insurance policy No, PAN NO, Driving License No, Password PortNo, All education certificate Numbers, Some highly value scan copy, some confidential photo and music ,videos. So we can store all confidential data in single credentials.

Scope for analysis:

The proposed system targets,the workflow automation of user's details, which involves secure and updating and viewing users details .The present system maintains the details of the users manually. So this way users forgets his/her details and all confidential details will be lost.

The scope assigned in the "HIGHLY CONFIDENTIAL SECURITY SYSTEM (HCCS)" project for development is capable to the users.

Objectives and success criteria of the problem:

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2. OVERVIEW OF THESYSTEM

Current system:

In these present days there is no system provided for this kind of feature where we should store secure information in files or disk drives. So this is total manual system and system will not provide any security to user data .If system gets any damage, there may be chance to lose the data.

Proposed System:

So we can develop highly security web application (Elliptic Curve Cryptography security algorithm). So we can store all confidential data in single credentials.

The development of this new system contains the following activities, which try to automate the entire process keeping in the view of database integration approach with highly confidential security.

- This system maintains user data in encryption description format using algorithms.
- This system maintains user's personal, address, and contact details.
- User friendliness is provided in the application with various controls provided by system rich user interface.
- This system makes the overall project management much easier and flexible.
- Various classes have been used for maintain the details of all the users and catalog.
- Authentication is provided for this application only registered users can access.
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- The system provides facilities to maintain bank account information.
- The system provides facilities to maintain Mails, password account information.
- The system provides facilities to maintain all education information marks memo, scanned copies information.
- The system provides facilities to maintain License, passport, insurances account information.
- The system provides facilities to maintain personal Files Information videos, images account information.
- System provides facility to online user registration.
- This system is providing more memory for the users to maintain data.

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- This system is providing accessibility control to data with respect to users.

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Functional Requirements

Functional requirements describe the interaction between the system and its environment independent of its implementation .The environment includes the user and other system with the system interact.

The proposed system holds the following requirements:

- Every Administrator, user has a login with a valid username and password.
- The Administrator can view users, delete or reject user authentication.
- Each and every user can authenticate by the administrator.
- Every user can be identified by their user Id's.
- Users can add, view, update and delete their personal details.

3.SYSTEMDESIGN

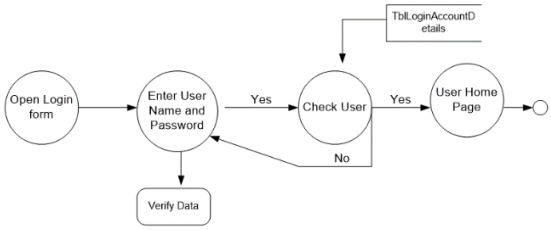


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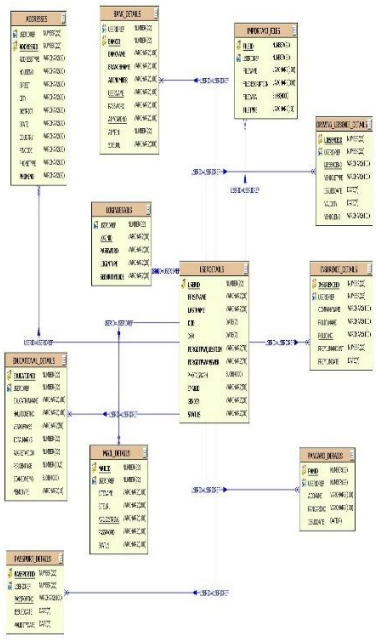


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4. OUTPUT SCREEN SHOTS

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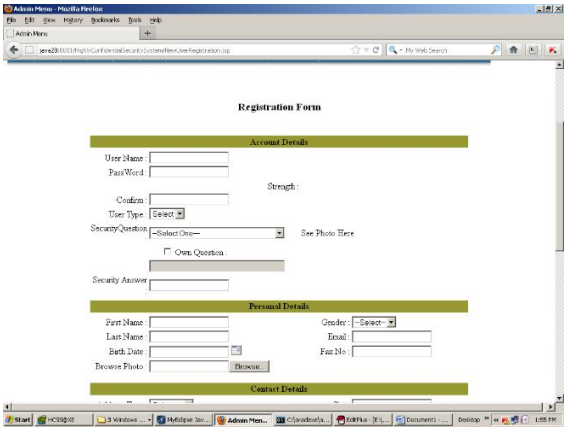


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5. CONCLUSION AND FUTURE ENHANCEMENT

It has been a great pleasure for me to work on this exciting and challenging Online application for the Highly confidential Security Systemproject.It also provides knowledge about the latest technology used in developing web enabled application and client server technology that will be great demand in future. This will provide better opportunities and guidance in future in developing projects independently.

BENEFITS:

The project is identified by the merits of the system offered to the user. The merits of this project are as follows: -

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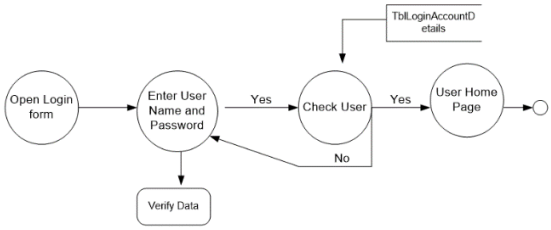


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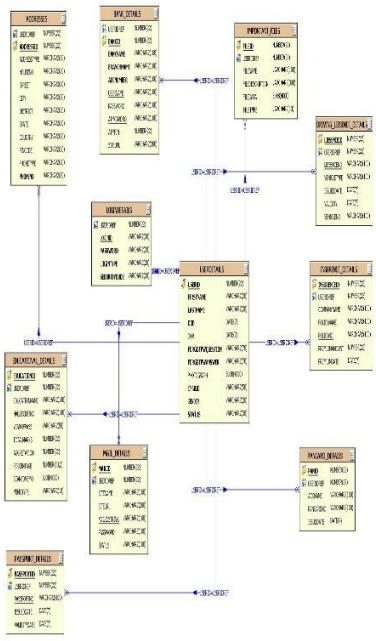


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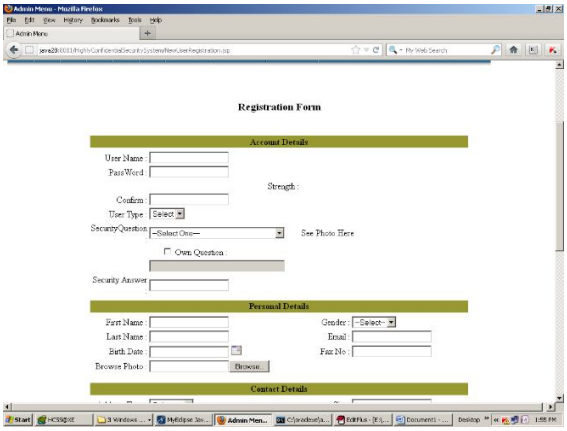


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- Users must know their activities like educational details, mail details, passport details, insurance details, banks details etc.

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- We should store confidential information in files or disks or any other manual system is not secure.
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- So this is total manual system and system will not provide any security to user data.

System analysis and system design

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Due to busy life style we can't remember all confidential data like All maid Id, Password, All bank account no, Insurance policy No, PAN NO, Driving License No, Password PortNo, All education certificate Numbers, Some highly value scan copy, some confidential photo and music ,videos. So we can store all confidential data in single credentials.

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Current system:

In these present days there is no system provided for this kind of feature where we should store secure information in files or disk drives. So this is total manual system and system will not provide any security to user data .If system gets any damage, there may be chance to lose the data.

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So we can develop highly security web application (Elliptic Curve Cryptography security algorithm). So we can store all confidential data in single credentials.

The development of this new system contains the following activities, which try to automate the entire process keeping in the view of database integration approach with highly confidential security.

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- This system maintains user's personal, address, and contact details.
- User friendliness is provided in the application with various controls provided by system rich user interface.
- This system makes the overall project management much easier and flexible.
- Various classes have been used for maintain the details of all the users and catalog.
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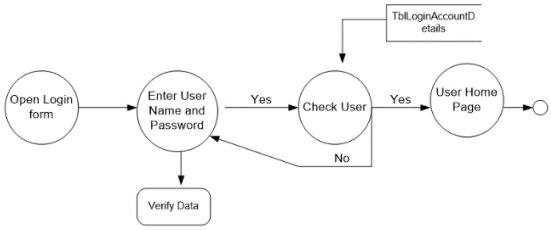


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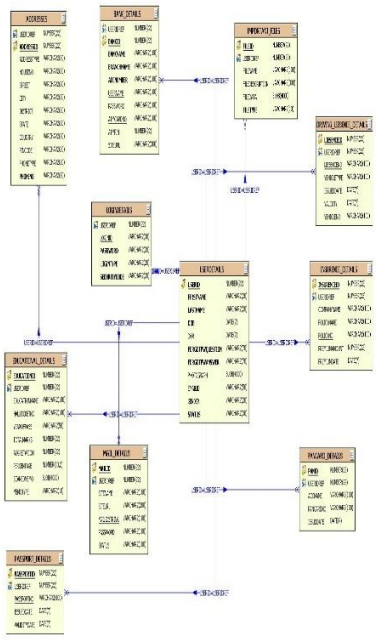


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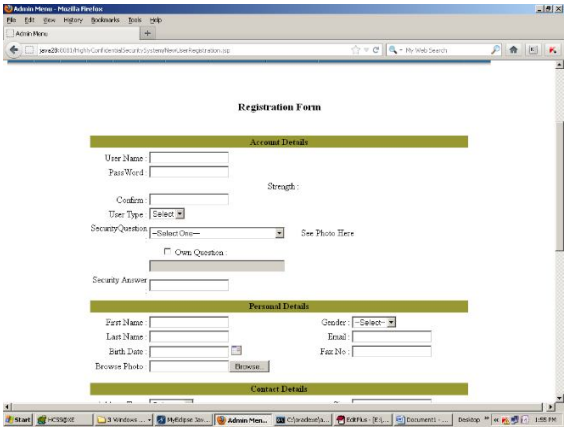


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- User is provided the option of monitoring the records he entered earlier. He can see the desired records with the variety of options provided by him.
- From every part of the project the user is provided with the links through framing so that he can go from one option of the project to other as per the requirement. This is bound to be simple and very friendly as per the user is concerned. That is, we can sat that the project is user friendly which is one of the primary concerns of any good project.
- Data storage and retrieval will become faster and easier to maintain because data is stored in a systematic manner and in a single database.
- Decision making process would be greatly enhanced because of faster processing of information since data collection from information available on computer takes much less time then manual system.
- Allocating of sample results becomes much faster because at a time the user can see the records of last years.
- Easier and faster data transfer through latest technology associated with the computer and communication.
- Through these features it will increase the efficiency, accuracy and transparency,

LIMITATIONS:

The size of the database increases day-by-day, increasing the load on the database back up and data maintenance activity.
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Highly confidential Security System

1.Juttiga Revathi Sri

Dept of CS ,
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2.Karri Lakshmana Reddy

Associate Professor,Dept of CS,
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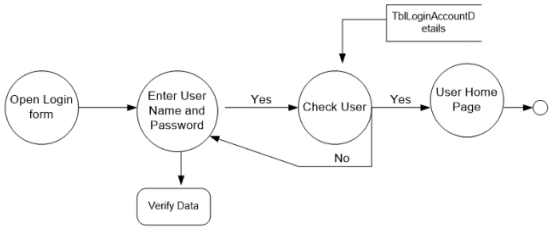


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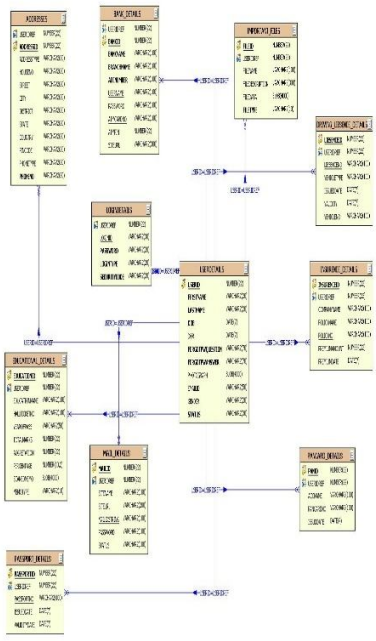


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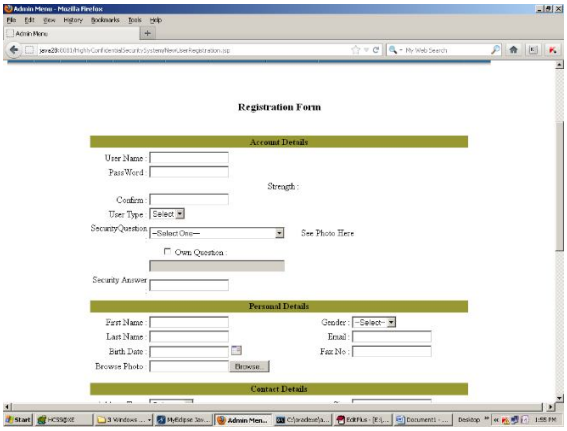


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- Users can add, view, update and delete their personal details.

3.SYSTEMDESIGN

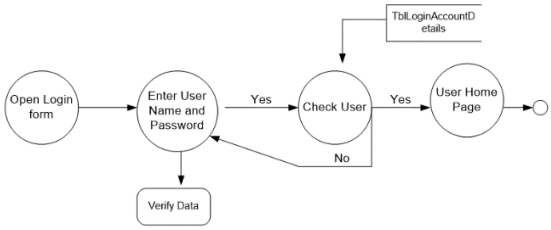


Fig 3.1: Data Flow Diagram for Admin

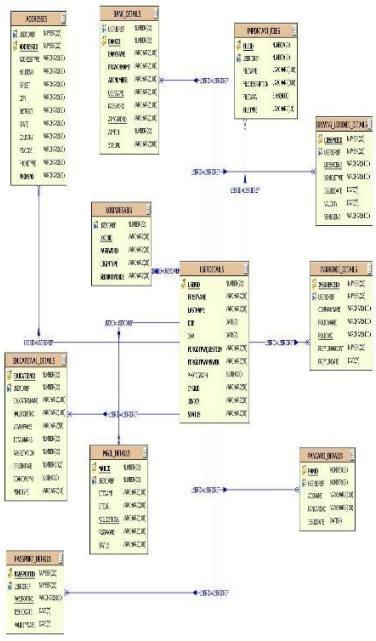


Fig 3.2: ER Diagram

4. OUTPUT SCREEN SHOTS

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ISSN:0971-1260
Vol-22- Issue-35-December-2019



Fig 4.1:Home Page

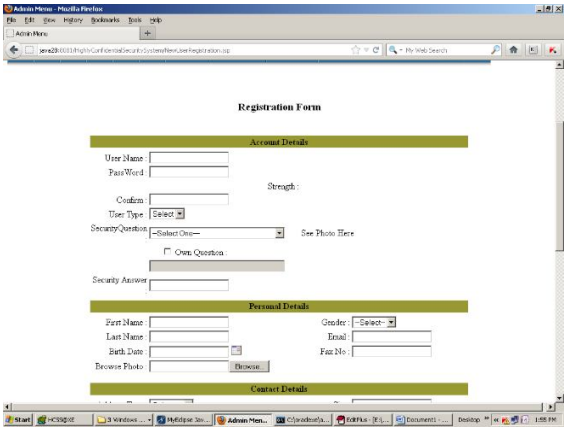


Fig4.2: Regoistration Form Page



Fig 4.3: Users Page



Fig 4.4: Academic Details Page

5. CONCLUSION AND FUTURE ENHANCEMENT

It has been a great pleasure for me to work on this exciting and challenging Online application for the Highly confidential Security Systemproject.It also provides knowledge about the latest technology used in developing web enabled application and client server technology that will be great demand in future. This will provide better opportunities and guidance in future in developing projects independently.

BENEFITS:

The project is identified by the merits of the system offered to the user. The merits of this project are as follows: -

- It's a web-enabled project.
- This project offers user to enter the data through simple and interactive forms. This is very helpful for the client to enter the desired information through so much simplicity.

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ISSN:0971-1260
Vol-22- Issue-35-December-2019

- The user is mainly more concerned about the validity of the data, whatever he is entering. There are checks on every stages of any new creation, data entry or updating so that the user cannot enter the invalid data, which can create problems at later date.
- Sometimes the user finds in the later stages of using project that he needs to update some of the information that he entered earlier. There are options for him by which he can update the records. Moreover there is restriction for his that he cannot change the primary data field. This keeps the validity of the data to longer extent.
- User is provided the option of monitoring the records he entered earlier. He can see the desired records with the variety of options provided by him.
- From every part of the project the user is provided with the links through framing so that he can go from one option of the project to other as per the requirement. This is bound to be simple and very friendly as per the user is concerned. That is, we can sat that the project is user friendly which is one of the primary concerns of any good project.
- Data storage and retrieval will become faster and easier to maintain because data is stored in a systematic manner and in a single database.
- Decision making process would be greatly enhanced because of faster processing of information since data collection from information available on computer takes much less time then manual system.
- Allocating of sample results becomes much faster because at a time the user can see the records of last years.
- Easier and faster data transfer through latest technology associated with the computer and communication.
- Through these features it will increase the efficiency, accuracy and transparency,

LIMITATIONS:

The size of the database increases day-by-day, increasing the load on the database back up and data maintenance activity.
Training for simple computer operations is necessary for the users working on the system.

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ISSN:0971-1260
Vol-22- Issue-35-December-2019

About Authors:



JUTTIGA REVATHI SRI is currently pursuing CS SVKP & Dr K S Raju Arts & Science College, Penugonda, West Godavari A.P. Her research interests includes Computer Networks Network Security and Cryptography, Formal Languages and Automata Theory and Object Oriented programming languages



K. Lakshmana Reddy is working as an Associate in the Department of Computer Science in SVKP & Dr K S Raju Arts &Science College, Penugonda, A.P. He received MCA from Andhra University, 'C' level from DOEACC, New Delhi and M.Tech from Acharya Nagarjuna University. A.P. He attended and presented papers in conferences and seminars. He has done online certifications in several courses from NPTEL. His areas of interests includes Computer Networks Network Security and Cryptography. Formal Languages and Automata Theory and Object Oriented programming languages.

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