Highly confidential Security System

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Abstract- **The purpose of these guidelines is to assist some highly confidential data means personal, Departments, Offices and Agencies for this implementing systems that will ensure, as much as possible, that personal data.**
obtain and process personal data fairly; Process it only in ways compatible with the purposes for which it was given initially. Keep personal data safe and secure; keep data accurate, complete and up-to-date; provide a copy of his/her personal data to any individual on request.

Index Terms- **purpose of the system, existing system, proposed system, architecture, modules.**

I. INTRODUCTION

The purpose of these guidelines is to assist some highly confidential data means personal, Departments, Offices and Agencies for this implementing systems that will ensure, as much as possible, that personal data.
obtain and process personal data fairly; Process it only in ways compatible with the purposes for which it was given initially. Keep personal data safe and secure;
keep data accurate, complete and up-to-date; provide a copy of his/her personal data to any individual on request.

1.1 Purpose of the 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.

1.2 Existing System

No present System for 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 Port No, All education certificate Numbers, Some highly value scan copy, some confidential photo and music ,videos

1.3 Proposed System

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Report generation features is provided using to generate different kind of reports.

Advantages:

1. Reduced entry work
2. Easy retrieval of information
3. 3.   Reduced errors   due to human intervention
4. User friendly screens to enter the data
5. Portable and flexible for further enhancement
6. Web enabled, Fast finding of information requested.

II. ARCHITECTURE DIAGRAM
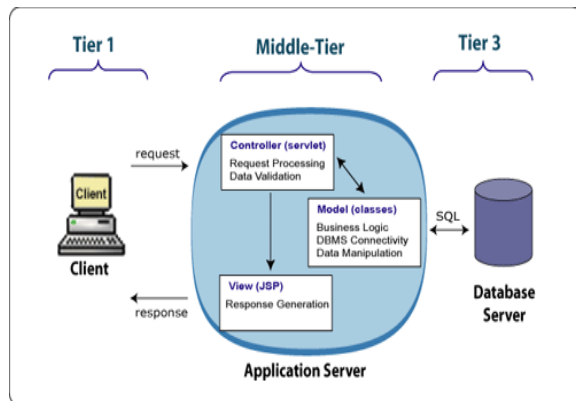
III. MODULES

The project has been divided into 5 different modules:
1. Administrator Module
2. User Module
3. Encryption Decryption Module
4. Security Authentication
5. Reports.
6.

3.1 Administrator Module:
View User
Accept or reject user authentication
Delete user (or) user Authentication

3.2 User Manager:
Banks Accounts Information
Add Banks Accounts Information
View Banks Accounts Information
Update Bank Account Information
Delete Bank Account Information

Mails Information
Add Mails
View Mails
Update Mails
Delete Mails

Career Information
Add Study Details View Study Details
Delete Study Details
Update Study Details

License Details
Add License Details
View License Details
Delete License Details
Update License Details

Passport Details
Add Passport Details
View Passport Details
Delete Passport Details
Update Passport Details

Pan card Details
Add pan card Details
View pan card Details
Delete Pan card Details
Update Pan card Details

Add Insurance Details
Add Insurance Details
View Insurance Details
Delete Insurance Details
Update Insurance Details

Imp Files Details
Add
View
Delete
Update

3.3 Encryption Decryption Module:
ECC is abbreviated as Elliptic Curve Cryptography.

3.4 Security and Authentication:
Login
Logout
Registration
Change Passwords
Forget Password
View Profile
Update Profile

3.5 Reports:

Generating Different Format report To be download (.xls, pdf, html, txt).

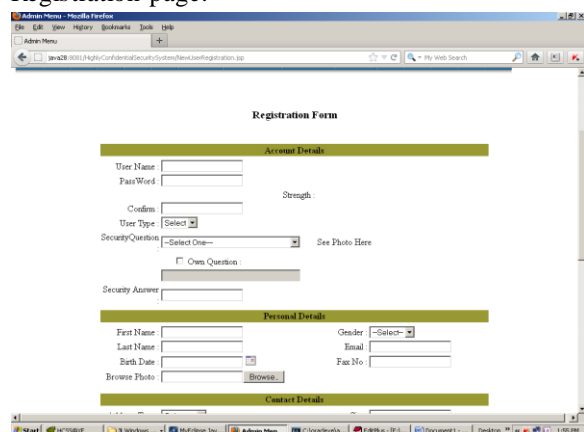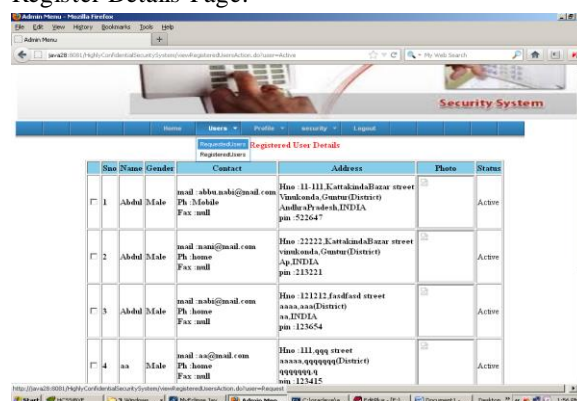IV. SCREENSHOTS

Home page:

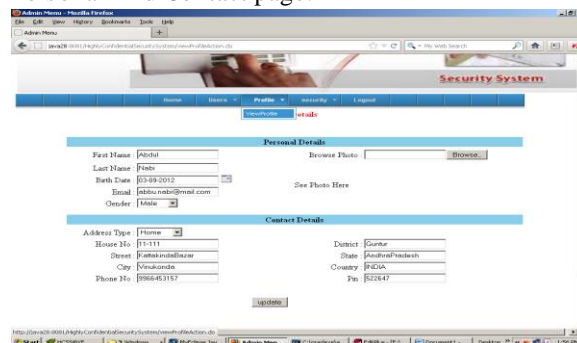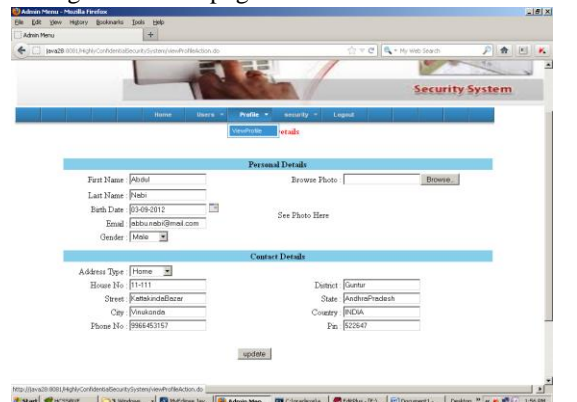Login page:

Registration page:

Recover Password page:

Register Details Page:

Personal And Contact page:

Change Password page:

Academic Details page:

Mails Details page:-

Career Details Page:

Pass Port page:

Bank details page:

License Details page:

V. CONCLUSION

The HCSS was successfully designed and is tested for accuracy and quality. During this project we have accomplished all the objectives and this project meets the needs of the organization. The developed will be used in searching, retrieving and generating information for the concerned requests. This HCSS has mainly the following advantages they are Reduced entry work, Easy retrieval of information ,Reduced errors due to human intervention, User friendly screens to enter the data, Portable and flexible for further enhancement ,Web enabled and Fast finding of information requested

REFERENCES

References for the project development were taken from the following books and web sites.

[1] Java Complete Reference by Herbert Shield
[2] Database Programming with JDBC and Java by George Reese
[3] Java and XML By Brett McLaughlin
[4] Wikipedia, URL: http://www.wikipedia.org.
[5] Answers.com, Online Dictionary, Encyclopedia and much more, URL: http://www.answers.com
[6] Google, URL: http://www.google.co.in
[7] Project Management URL: http://www.startwright.com/project.htm