CYBERNETIC PROTECTORS

KANCHARLA V V P S S SUBBA LAKSHMI

Dept of CS ,

SVKP & Dr K S Raju Arts & Science

College, Penugonda, A.P, India,

P SRINIVASA REDDY

Associate Professor, Dept of CS,

SVKP & Dr K S Raju Arts & Science

College, Penugonda, A.P, India.

Abstract - The main objective of **Cybernetic Protectors** is to provide a secure way of communication and transferring evidences in Secret Intelligence Agency of defence system which has always uses undercover agents to solve complex cases and dismantle criminal organizations.

We are conceptualizing this software as a solution so that Secret Intelligence Agencies and their agents can communicate through this Software for the exchange of evidences in a secure way. And maintain the details of Defence Minister**.**

1. INTRODUCTION

Existing System:

- This existing system is not providing secure registration and profile management of all the users properly.

- This manual system gives us very less security for saving data and some data may be lost due to mismanagement.

- The system is giving only less memory usage for the users.

- The system doesn't provide facility to track all the activities of Agency-Chief and under working Agents.

- The system doesn't provide any facility to maintain any tips & suggestion for Citizen.

- The system doesn't provide any functionality to upload evidences in encrypted format.

- This system doesn't provide recruitment of agents through online.

- The system doesn't provide any functionality to DefenceMinister/Secrete Agency-Chief/Agents for online chatting.

Proposed System:

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.

- 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 track the all activities of Agency-Chief and Agents.

- System also tracks the tips and suggestion online.

- System provides facility to recruit Agents in online.

- System also provides facility to upload evidences in encrypted format and view cases, related resources.

- This system is providing more memory for the users to maintain data.

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

- This system provides citizens to view success Stories.

- This system provides the functionality to Defence Minister/Secrete Agency-Chief/Agents for online chatting.

2. OVERVIEW OF THE SYSTEM

Modules:-

    1. Citizen

    2. Under Cover Agent

    3. Secret Intelligence Agency's chief

    4. Ministry of Defence

    5. Security And Authentication Module

Citizen:

i.   Ability to see Success Stories.

ii.   Ability to view for a job in Secret Intelligence Agency.

iii. Ability to give tips & suggestion

Under Agent:

i.   Able to view case details.

ii.   Should be able to encrypt & upload evidence or data to Data Base.

iii.   Able to view resources from ministry or chief.

iv.   Generate Report.
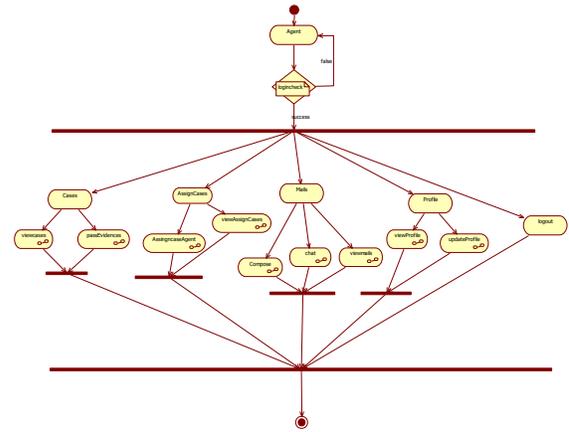
Defense Ministry:

i.   Should be able to send resources to Secret Agency.

ii.   Receive reports

iii.   Ability to assign cases to the Agency.

Secret Intelligence Agency's chief:

i.   Chief should be able to create/edit/view Agent's profile

ii.   Appointing of Agent to a particular case.

iii.   Secure retrieval of evidences received from Agent.

iv.   Access to Data Base logs.

v.   Generate Reports

vi.   Ability to store data with history (archive cases).

Security And Authentication Module

The user details should be verified against the details in the user tables and if it is valid user, they should be entered into the system. Once entered, based on the user type access to the different modules to be enabled / disabled and individual user can change their default password or old password
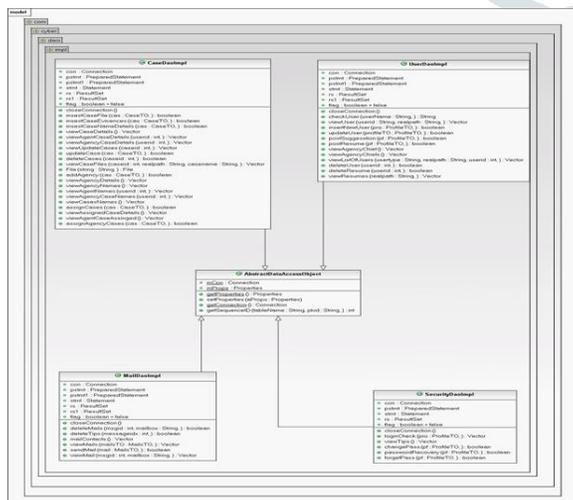
3.SYSTEM DESIGN

Fig 3.1: Class Diagram

Fig 3.1: **Activity Diagram for Defense Ministry**
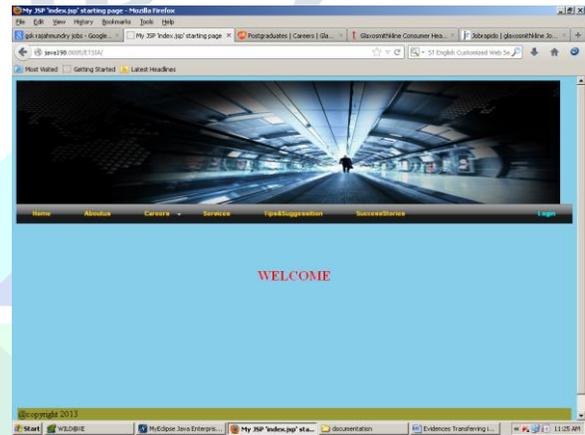
4. OUTPUT SCREEN SHOTS
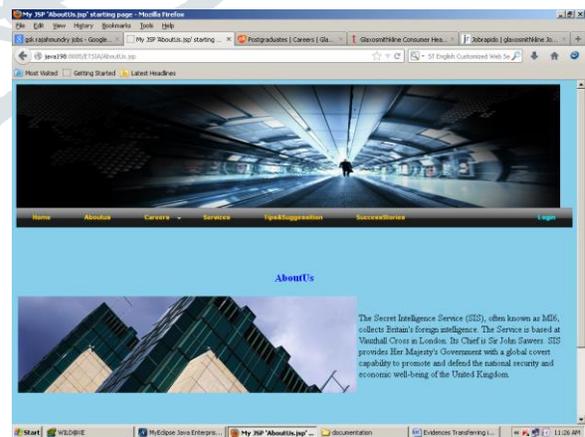

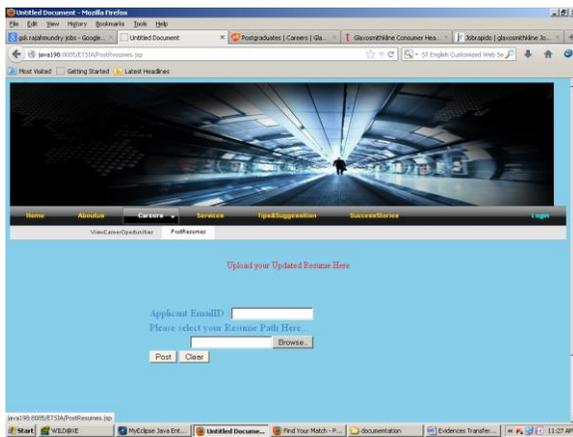Fig 4.1:Home Page

Fig 4.2: About us Page

Fig 4.3: Upload Your resume 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 Cybernetic Protectors project. 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.
- 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.

6. REFERENCES

[1]www.codeproject.com.

[2] The Complete Reference "Crystal Reports 2008" by George peck.

[3]Training and placement website of IIT,Patna.

[4] "Microsoft Visual Basic 2010" by Michael Halvorson.

[5] Tynjälä, P., Perspective into learning at the workplace, Educational Research Review, 3, 2008, pp.130-154.

[6] "The Complete Reference ASP.NET" book by Robert Standefer III..

About Authors:

KANCHARLA .V .V .P. S. S. SUBBA LAKSHMI is currently pursuing CS SVKP & Dr K S Raju Arts & Science College, Penugonda, West Godavari A.P. Her research interests include Operational Research and Big data Analytics.

P . SRINIVASA REDDY is working as Associate Professor in SVKP & Dr K S Raju Arts &Science College, Penugonda, A.P. He received Masters Degree in Computer Applications from Andhra University. His research interests include operational research,probability and statistics,Design and Analysis of Algorithm,Big data Analytics.