CYBERNETICS PROTECTOR TESTED USING SELENIUM IDE

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Abstract- **In this competitive world, people would like to know about each and every person whom they are surrounded by, whom they are more concerned about. Cybernetics Protector is the web application which is specially designed for this purpose which is used by the company. The client registers themselves online using this Cybernetics Protector website. Once registered, the client is given username and password by sending a mail to their email. By clicking on the link in mail, they can activate their account. The head of the company will be maintaining the whole record through this web app where he can view the details of registered user, manage the records of cases, and can send details to client. The client can any time login and can view the details about the particular person which was sent by admin. This project has been developed using HTML 5.0 and CS5 as front end, MySQL as Database, PHP as server scripting language and Selenium IDE as testing tool .**

Index Terms- **Access control list, Multi-Purpose Internet Mail Extensions, Linux Apache MySQL PHP**

I. INTRODUCTION

We are conceptualizing this software as a solution to company head and their clients can communicate through this Software for the exchange of information in a secure way. The Admin has always used undercover agents to collect information about complex cases and provide true information to the clients. The Company head has full responsibility of recording and maintaining the information and making it available to the clients at any time and place.

II. MODULE DESCRIPTION

A. *User Interface*

The user once registers with "Cybernetics Protector" will receive a mail in order to activate and use their account. He can login using the username and password which they have received through mail once admin has approved their account. The password will be encrypted once the user registered and approved by the admin. The user at any time can rest their password. Case details will generally describe about the cases that the particular user wishes to know about. It contains the exact need of the user. Based on these Case details only, admin will take action to collect information about the people whom the user has asked for. These details will be entered on admin site by the admin and the details will also be visible if the particular user logs in. On user side, user can come to know the Ministry message, Start date and End date are correct. The admin keep sending up-to-date information through Case details. Once a particular case is over, admin will send a complete report about the particular person whom the user has asked for. The user can view the report online at any time and space and also can update his profile at any time after he registers. This will collect and maintain the basic information about the user like Username, Full name, Email, Mobile, Phone, Address, Job details, Employee Id, old and new password. The password will be encrypted once the user clicks on save. Once the user has updated and checked his message logout button helps to securely logout from his account.
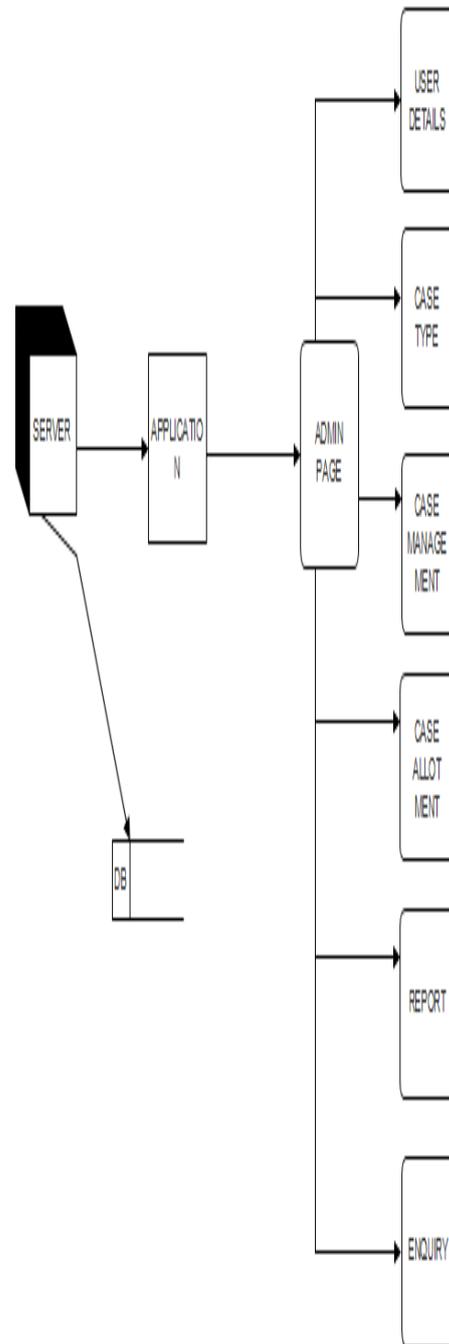
B. *Admin Interface*

Admin logs in with his username and password. He will be taken to Home page of admin site. Admin takes full control over updating and managing the cases. All the users who have registered will be listed in this menu along with their basic details like username, password, gender, email id, mobile number, employee id, status and action. The admin will activate users account by clicking on "approve" and "deny" button. Only when admin approves the user, the user on other side can login using username and password. Password will be in encrypted format. Case Type will list all the cases that the company is currently working on. The admin can also add new cases according to user needs by just clicking on "Add details". The status of each case is set by the admin. The admin can edit the case details by using "edit" button. He can also approve, deny the case or even can delete it if it is not necessary. This menu keeps track of each and every case detail like

Title, type, start date, end date, status. It allows the admin to edit the start date, end date, status, type of each case. The admin can also maintain description of the case in word document. This word document can be enabled by clicking on edit button. Case Allotment helps admin to know which user has asked for which information. To be clear, this menu says about the case that is been allotted to the user. Admin can edit the Title, type, start date, end date, status of each case allotted to the particular user. The admin can edit the case details by using "edit" button. He can also approve, deny the case or even can delete it if it is not necessary. The admin can also send description of the case to that particular user by just filling in word document which can be enabled by clicking on edit button. Once the admin has collected all the information that user needs, then the user can send a complete "Report" about the case to the user using word document by clicking edit button. This edit button also contains space to edit the work details, work status, status of case. Allows Admin to set status of project to Completed, IN progress, Holded and Incomplete. If the user requires further more information about a person or if he has any queries regarding his case he can post his queries through "Enquiry". Admin views all the queries through this menu and takes action accordingly. The admin can come to know who has sent the message as it displays information's like user's full name, mail id, mobile number, address and m essage.The admin can update his profile at any time. This will collect and maintain the basic information about the admin like Email, Mobile, old and new password.
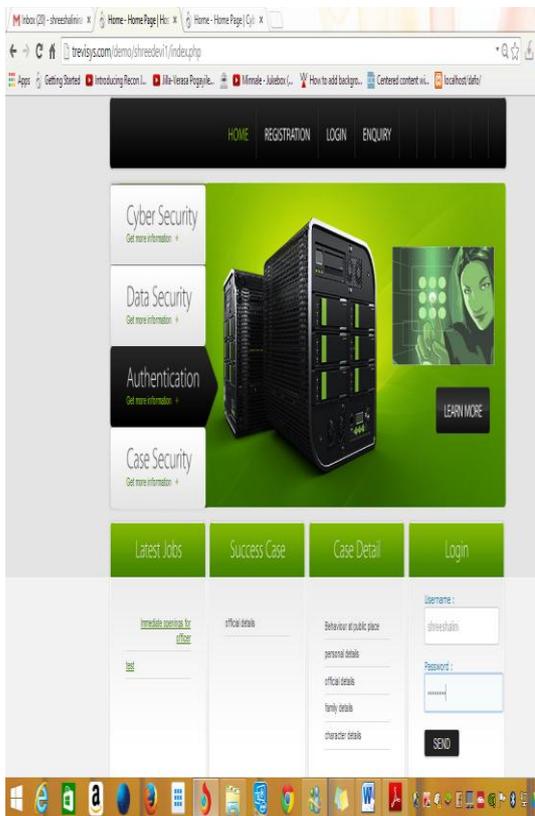
C. Home

If a new user approaches the company, the use is made to register online through "Cybernetics Protector". It collects basic information of user like Full name, User name, gender, email id, mobile number, phone number, address, job details and employee id. By clicking on save button the user information's are all saved. The user can post his queries through this menu. He can also ask doubts about his case. It will also collect information about user like Fill name, email id, mobile number and address. In enquiry box, the user can post his queries.
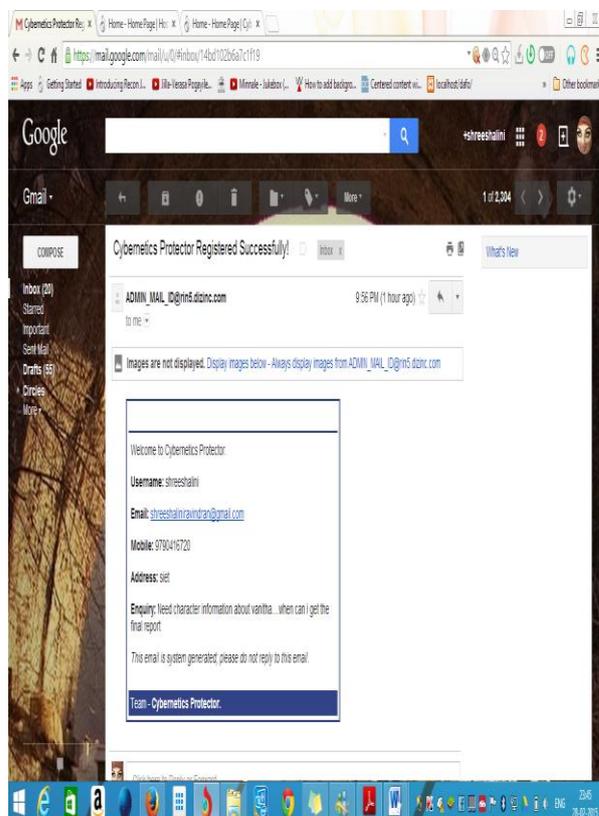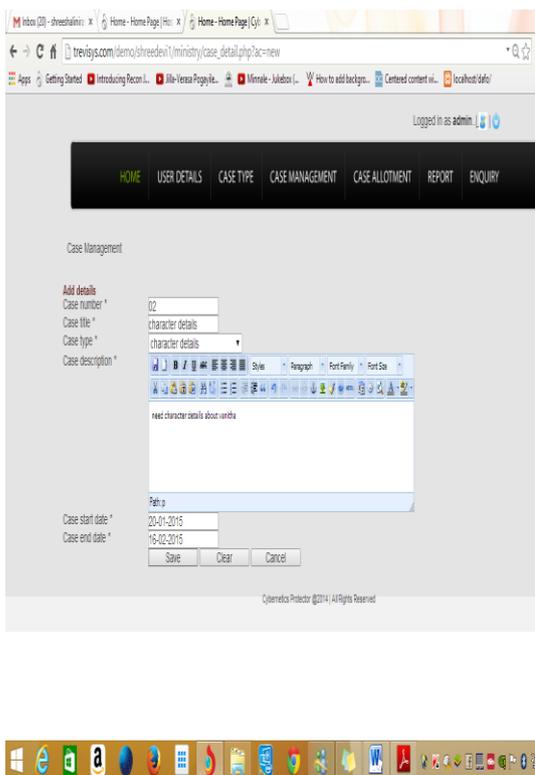
III.   FLOW OF DATA

IV. SNAPSHOTS

A. Home

B. Admin Interface

C. Conformation mail

D. Testing Report

V. CONCLUSION AND FUTURE ENHANCEMENTS

Although there are negative aspects of Cybernetics Protector, it satisfied needs of clients to some extent. Finally, Cybernetics Protector has been tested successfully using Selenium IDE Which helps the clients to use it in an efficient manner without any flaws. Experts predict a promising and glorious future of Cybernetics Protector in 21st century. In the foreseeable future Cybernetics Protector will further confirm itself a major tool for information gathering. Successful Cybernetics Protector will become a notion absolutely inseparable from web. Cybernetics Protector can enhance its service in future by appointing new employees to the company using it like collecting their resume's and filtering it taking in to account that trusted employees are selected for working in the company..

REFERENCES

[1] "techterms.com/definition/web_application"

[2] "webtrends.about.com/od/webapplications/a/web_application.html"

[3] "webtrends.about.com/od/web20/a/end-web-browser_2.html"

[4] "www.w3.org/2004/04/webapps-cdf-ws/papers/origo.pdf"

[5] "snook.ca/archives/building_a_web_application/building_a_web_5"

[6] "en.wikipedia.org/wiki/XAMPP"

[7] "www.apachefriends.org/download.html#381"

[8] "www.seleniumhq.org"

[9] "www.tldp.org/LDP/LG/issue12/server.html"

[10] "open source database by Tharoor.m: filehippo.com/en/download_mysql"