Crime Alert Platform

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Abstract – The project is mainly designed for crime reporting and now we know it has proven to be extremely challenging for law enforcement forces. Here we have created a crime alert platform as a website which is useful to the common people. Most of the public in India is afraid to make complaints regarding their problems. This system is very useful and it is safe and protective for both people and the government. Using this system people will get to know lots of things and the features so they can complain. Our platform is in the form of web pages so it is user friendly.

Key Words: website, crime alert, reporting, registration, report.

1.INTRODUCTION

The website is developed as a 'Crime Alert Platform' so that users can make online reports or complain about crime. We know that there are various sources to raise our voice against crime and in India every second there are thousands of crimes happening particularly in the urban areas where there are people who don't have good knowledge about the laws and also, they cannot even complain against crime. This platform is developed for such regions where police services are not provided in the proper way and lots of crime happens. Our Platform has some good features so that by using it people or normal people can complain. This is the common open platform for multiple members which can connect directly to the police station. The safety of women is in consideration so that we can complain, whenever there is an emergency about a lady so that she/he can complain here, so every time there is no need to go to the police station. This system is protective and safe for both the user and the charge who is going to take action. Also, many times we know about the criminal and people can't say or complain about him or her so on our platform there is an option for the police in charge to give prizes to catch a criminal. For that, we can give information on this website about what his appearance means, how the criminal looks and his personality so it will be easy to catch him so anyone who knows him police can catch him or her.

Our project has features like, first for users, there will be the registration option and after registration with name, Address, Aadhar number, Email Id and password. After success-fully registering the page for crime reporting will open here, we have to complain with the date and place. After reporting a complaint users can see their complaint history and the corresponding details. The information can be seen in the Police login options where there is also another option for Most wanted criminal finding.

In the Wanted criminal part we can add information about the criminal and his appearance for easy identification for other people and prizes will be given to the people if they catch him. In our project for the awareness of laws and acts, we have given one redirected website where people can see the information or all data and articles about the law so this is another important feature for the website.

Also in our project, we have given various options like an about us page and Feedback form for our website so the users can see about us as by using the website they can give their valuable feedback or any type of suggestions, so this was about the implemented part but now for the future purpose, we are going to add more features into in it like Real-time notification system and Emergency option for complaint without registering the page, also for proper identification, we will give photo uploading or videos or any type of file uploading option to enhance the quality of our website.

2.LITERATURE REVIEW

The software developers want to create a platform for the purpose of reporting the crime, which should be easily accessible to the common person and the local police. A traditional people now also feels afraid of making complaints in most of the countries of Asia. The web grievance registering system can make important help of people in making the complaints without any type of fear [1]. The system of reporting the crime is an application based and that can help to report the crimes, also this application can manage the all works in the police station by using the computer devices so, it keeps all the secret information about the criminals like most wanted criminals, details of the complaints and the others lots of information. Most of the tasks can be done easily and accurately by using the computers instead of doing manually. The features of this application are that it can give option of login for users and the admin person, registration of the complaints, view complaint status, criminal registers manage, news about crime in the city, various safety tips for everyone, especially for women and also for vendors. The project can be used in the automation of the police station data, including the complaints and police station management system [2]. The Criminal Alert is an android-based application for online complaints. A person who wants to make a complaint or to give a report on an incident in this application has to create an account before signing in, and once when the user has been authenticated, the user can log in and make a complaint. All those complaints will be received by the police station so that they will be able to give the person who filed the complaint a note about the status of the complaint. This application can also be useful for police departments to manage various types of crimes that were previously handled manually

in police stations. Police can get their login password from the admin. The application allows users to view modules such as unidentified dead bodies, missing people, and most wanted criminals. As a result, this application facilitates police in recognizing social problems without requiring them to visit a police station [3]. A project has the features like alert system, anonymous tip, case status, GPS tracking, crime notice board and registration of the cybercrime complaint [4]. The project is developed using Python for Front end and MySQL for the backend.

The existing system has the main aim to develop the android application for crime detection. The application works efficiently for every important work related to the and police officials can work on criminal data by using the databases on the cloud [5]. A work develops an android application to make aware about the crime events happening in the society and providing them the crime locations. The users can track the current locations by using this application also the application is developed in the SEGI university for the making use of the databases [6]. This work has main focus on the Google maps and the API of the places for reporting of the crime in the police station. This work can give the option of reporting of the crime by sending the audio-recordings, images and App-to-App call. This work uses the JDK and SDK for development also the Firebase for database purposes [7].

3.AIM

The main aim for the development of this quality website is to provide a good service in one place which is very useful to the victim. Users can make use of the website and can complain about criminals and also the charge can view it and must take action. This application can also make available all data of the user and show it.

Our project platform will be an open platform for everyone and our aim is to build this platform more and more secure and easy to use for everyone. For now, we have given some of the options like crime reporting and complaint history options like that but in future, we like to add more the features like updating the information, deletion, give replies from the police also we thinking to add more login options like for the in-charge officer which is at high post than the police. So, the main aim is to make a good website and secure website for people who are far away from police stations and also for the police to contact those people online. The importance is that crime reporting will be very easy if we go through technically without any cost. There are lots of advantages to this type of website.

4.TOOLS AND COMPONENTS

Following are the components and tools that we have used to make the

1. Visual Studio Code

2. XAMPP Server

3. Live Server

4. HTML/CSS

5. PHP

1. VISUAL STUDIO CODE

Visual studio code is the editor we have used to make different files like PHP, HTML and CSS. Our project is mainly made by using these three languages. we run the file by using the extension live server in the vs code.

2. XAMPP SERVER-

It is a cross-platform, Apache, MySQL, PHP and Perl, basically this platform is used to run the webpage on a local server or we can say XAMPP is a server. In this platform, there are features of MySQL where we can create the database and database tables.

3. LIVE SERVER-

The live server is the extension we have used to check the code or implemented files and how they are running so this is available in the VS Code. We have to download and install it for the project we used to run the programs.

4. HTML/CSS-

The hypertext markup language is used to create the layout and front end of this project. Also, we can use bootstrap for the reference and code. Also, Cascading Style Sheets (CSS) are used to design the layout and fonts. CSS is independent of the HTML language. Here in our project, we have referred to the Bootstrap code for basic layouts. We have created separate files for each of them.

5. PHP-

Hypertext Pre-Processor is the scripting language used for creating interactive web pages and it is server side .PHP language is embedded in the HTML language. Also, this language is integrated with the MySQL database and there is a very important role of PHP while making websites. In our project, we have used PHP files for the backend and separate files are created like php files and others.

5.FEATURES OF PROJECT

The following are the main features of our project

1. Crime reporting for the user- In this section users can report the crime according to various parameters like date and location and also the proper description of the criminal.

2. Check complaint history-In the check complaint history option Users can see what they have inserted or reported for the criminal at any time. In that section, various parameters are given in rows.

3. Check the Complaint report from the police side - After the user registers and also complains all data goes to the police side and there in the Checking option police can see everything about the user and immediately, he can take the action.

4. Insert the information for the wanted criminal and give the prize money- In this project, we have provided this

option from the police side where they can insert information about the wanted criminal whom police are not able to find out for which they can give the prize money.

5.   Redirected Website- Redirected website for the Law and Acts-related information. In this option, people can gain knowledge about the acts and rules. There is one website option for people to know about the laws.
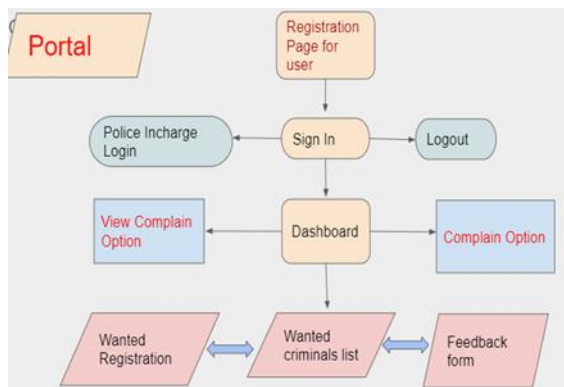
6.ACTIVITY DIAGRAM

Fig. 1. A figure shows the flowchart of the Webpage.

7.METHODOLOGY

Following is the procedure we have referred to make the project like we have installed the Visual studio code and in that, all separate files like HTML, CSS and PHP files are made. The files are tested every time while coding. After that, we designed a rough diagram for the web pages accordingly. Also, we have installed the Live server to check the HTML files. Then to run the implementation each time we required a local host, which is inbuilt into the XAMPP server (MySQL and Apache). We have used bootstrap codes and some of the tutorials for doing projects and one code is referred to. Firstly, we have created a registration page for users for first-time registration by using the name, Email ID and passwords and Aadhar card no. For registration purposes, files are made for every login and registration for which we have referred one database and some changes are done for that. Each file is connected by giving the reference, for those databases, we have referred some databases and some are created by our own user and modification is done in the referred part according to us. Our project has multiple files for the database. They are done in MySQL and for making databases.

All the modifications can be done here about databases like deletion, modification and update like information. Here in our feedback form, we have to submit information and this can be viewed in the MySQL database. Our project has options like viewing the Acts and laws so for that on the homepage we have given a reference for the website to open it on the other website, this will redirect you to another website. Also, in the police login after login there is the option of wanted person information here, we can add the data related to that person and also the prize will be given. And we have to connect two different files for that till this part we did but now also the work is in progress and we will add new features to that by using different technologies.
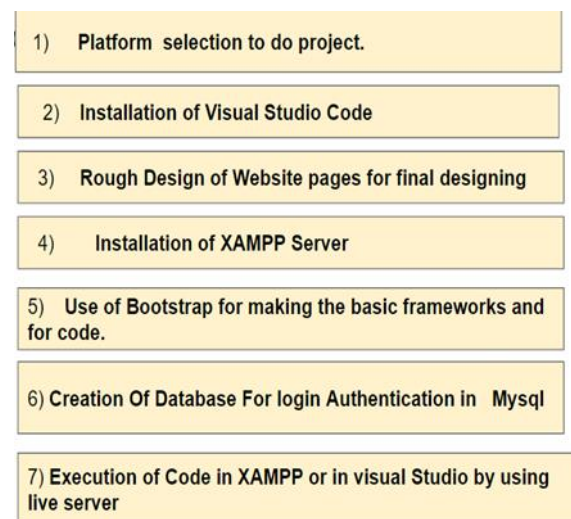

Fig. 2. A figure shows the steps followed to do the project from very basics.

8.RESULTS

The implementation of the portal for common people is successfully working and it can solve the problems from both sides (people side and Police of Incharge side). In the result the web application has the following features.

- Registration page for users.

- Police In charge Registration.

- A Proper Dashboard.

- Complaint option for common people.

- View Complaint Option for Police of Incharge.

- Wanted criminal registration.

- Wanted criminal list view.

- Feedback form.

Figure 3 shows the initial page of the registration everyone has to do registration before signing in after the new page is generated which takes the basic information about the users like name mobile no and Aadhar no etc. On the homepage in the upper left or in the navbar various extra features are added for the people like wanted criminal list and official login.

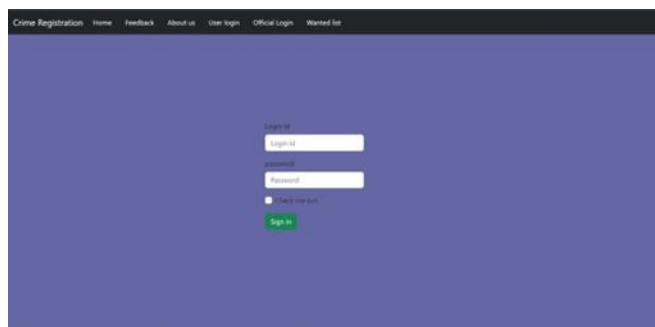Fig. 3. A figure shows the front page of the web portal.

Fig. 4. A figure is about the people who have their login ID and password.

9.CONCLUSION

This project is basically designed for victims in society who are afraid to take action about crime, other people can also make use of this website to become aware of all crimes and can view complaints and give their feedback to the website. The option is common to open sources platform not only for people but also for the police to interact with the members. The website is very easy to use and interactive. It has social use like this type of website is for people who are very away from a particular police station.

The website has different features and future scope so practically this type of Idea can be implemented and used in real life. We are looking for something new in this to add in if we get new ideas.

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