IMPLEMENTATION OF ONLINE CRIME REPORTING SYSTEM

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ABSTRACT

Online crime reporting project's main idea is to implement an online web application for maintaining the proper common people complaints for police department by using this application people who are afraid or don't have enough time to go police station for complaint about their personal legal issues here they can give their complaint through online to register any type of complaint. It consists of complaint box where the people can

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register their complaints. Here users will have the awareness about laws and the respective punishments for the crime activities. First people have to register their personal details along with login details using registration form. once he/she register in the application, they can post their complaints. Several reasons may contribute to this lack of reporting. Also Crime reporting needs to be possible at anytime. Although several other options exist and there are most publicized reporting mechanisms. Internet-based crime reporting systems allow victims and witnesses of crime to report incidents to police 24/7 from any location. The aim of this project is to develop an online crime report and managing system which is easily accessible to the public. The police department and the administrative department. The system is intended for use in a community to help the residents interact with each other more easily and to encourage the reporting of suspicious behavior or crime. This system registers the complaints from people through online and it will also helpful to police department in catching criminals, in system and person can give any complaint at any time.

KEYWORDS: complaints, register, awareness, punishments, reporting

1. INTRODUCTION

1.1 INTRODUCTION TO PHP

PHP started out as a small open source project that evolved as more and more people found out how useful it was. Rasmus Lerdorf underleshed the first version of PHP way back in 1994.

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- ✓ PHP is a recursive acronym for "PHP: Hypertext Preprocessor".
- ✓ PHP is a server side scripting language that is embedded in HTML. It is used to manage dynamic content, databases, session tracking, even build entire e-commerce sites.
- ✓ It is integrated with a number of popular database, including MYSQL, PostgreSQL, Oracle, Sybase Informix, and Microsoft SQL server.
- ✓ PHP is pleasingly zippy in its execution, especially when compiled as an Apache module on the Unix site. The MYSQL server, once started, executed even very complex queries with huge result sets in record-setting time.
- ✓ PHP supports a large number of major protocols such as POP3, IMPA, and LDAP, PHP4 added support for java and distributed object architectures (COM and CORBA), making n-tier development a possibility for the first time.
- ✓ PHP is for giving: PHP language tries to be as forgiving as possible.

COMMON USES OF PHP:

- ✓ PHP performs system functions, i.e. from files on a system it can create, open, read, write, and close them.
- ✓ PHP can handle forms, i.e. gather data from files, save data to a file, through email you can send data, return data to the users.
- ✓ You add, delete, modify elements within your database through PHP.
- ✓ Access cookies variables and set cookies.

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✓ Using PHP, you can restrict users to access some pages of your websites. It can encrypt data.

1.2. INTRODUCTION TO THE PROJECT

Modern society is characterized by increasing levels of global social mobility and uncertainty relating to levels of risk posed by internal and external security threads. Within this climate security driven by technology is increasingly being used by governments, corporate bodies and individuals to monitor and reduce risk. There has been an acceptance that the criminal justice system is limited in its capacity to control crime which has led to the exploration of the other avenues for tackling crime and this has provided a market for private companies to push forward the growth of technological security innovations. Crime is a women experience and is as old as the human race.

Crime is a geographical. It occurs at a specific place, specific time and for a specific reason. It can affect everyone and anyone at anytime. Crimes are complex and constantly changing. Social and technological changes introduced new targets, tools and motives for crime. These online web application for maintaining the proper common people complaints for police department by using this application people who are afraid or don't have enough time to go police station for complain about their personal legal issues here they can give their complaint through online to file any type of complaint .

It consists of complaint box where the people can register their complaints. Here users will have the awareness about laws and the respective punishments for the crime

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activities. First people have to register their personal details along with login details using registration form .once he/she register in the application, they can post their complaints.

2. RELATED WORKS

There is a massive number of research work from journals, news papers, text, videos, and other documents available on the internet, on above any subject. police station need to be able to find information about people who commit crimes to satisfy people's needs and also uses are able to report different crimes committed by different, individuals. are two ways of searching relevant information of online crime reporting system to use a search engine or to browse directories organized by categories(such as yahoo directories).there is still a large part of internet that is not accessible(for example private data base and intranets).this can be achieved using information retrieval systems.

Therefore, online crime reporting system falls under information retrieval systems as it is also an information system in that, it helps people to simply report the crime online without going to the police station.

According to KANUE (1980), online crime reporting system Technology was not good most of the people used to commit a lot of crimes such as killing people, robbing, stealing and so many others and those people who used to committed the crimes used to live normally like the person who has not committed any crime. And for him he says that there was a need to develop any online reporting system so that people that is to say either from village or towns if they have their mobile phones which can access internet they can easily

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report crimes at a fast rate instead of moving to nearby police stations hence limiting the problem of people who commit a lot of crimes.

According to Bohan (2006), online crime reporting system is a prime example of modern day technology designed to make the world a superior place to live. When used properly this technology will not only enhance a human's environment when it comes to convenience, but will also significantly enhance the safety of our community at a reasonable expense. An online system affords police officers the opportunity to patrol "hot spots" and remain available to quickly respond to violent crimes. This is accomplished by allowing citizens to self-report non –violent minor crimes with no suspect information. Of course like anything in life a good situation always has the potential for a negative to make its way in. In this case the negative being the potential of false reports in false made through the online systems. One strategy to combat this negative includes posting an eye –catching warning on the internet site of the penalties a person may face for making a police report.

According to Larocco (2009), faced with continuing budget cuts and an economy in recession, law enforcement agencies continue to look for ways technology can help them meet the everyday demands placed on them to maintain their current level of service with less money. When the idea of citizens reporting crimes online was introduced earlier in this decade, the timing seemed optimal, but would it work. There are several major benefits to implementing an online citizen people reporting system. Chief is the reduction in time and resources spent on responding ton and writing reports for minor incidents that rarely have a suspect and primarily filed for insurance purposes.

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3. Existing System

Existing online crime reporting management system does not have such medium by users can place their complain from any location. They have to visit their nearest police location and take a copy of the complaint for future reference. Many citizens hesitate to visit any police station and thus informer information cannot be kept confidential. Sometimes conflicts occurs between police station regarding area, means which area comes under their police station and the person get frustrated before placing their complains. If any citizen is sufferer of crime, even after dialing emergency number, police person do not able to locate the exact location of that citizen.

In this current system, user's information will be kept confidential and only users complain will be forwarded to its nearest police station. Users complain number will be forwarded from the server side automatically.For identifying location and authentic person, concept of cookies and IP addressing has been used.

To eliminate the location conflicts between police station, server will play a vital role. It will search the address table using IP address and forward message to that police location from where the message has been received. Please check the download section for online crime reporting system project ppt and online crime management system project report.

- ✓ It stores only the current status of criminals like number of cases.
- ✓ Existing applications manages the data and various information about the criminals and their crimes.
- ✓ In present manual system the total process of criminal report generation is not so fast and friendly . To solve this kind of problem proposed an better and automated system.

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Disadvantages Of Existing System

In the existing system only our can see the details of particular information about the police stations in our state, the existing system has more workload for the authorized person. some drawbacks written below.

- ❖ More man power.
- ❖ Time consuming.
- ❖ Consumers large volume of pare work.
- ❖ Needs manual calculations.
- ❖ no direct role for the higher officials.
- ❖ Damage of machines due to lack of attention.
- ❖ The size of the database increases day-by-day, increasing the load on the database.
- ❖ At present there is no back up and data maintenance activity.
- ❖ Training for simple computer operations is necessary for the users working on the system.

4. PROPOSED SYSTEM

Online crime reporting project's main idea is to implement an online web application for maintaining the proper common people complaints for police department by using this application people who are afraid or don't have enough time to go police station for complain about their personal legal issues here they can give their complaint through online to register any type of complaint. It consists of complaint box where the people can

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Several reasons may contribute to this lack of reporting. Also Crime reporting needs to be possible at anytime. Although several other options exist and there are most publicized reporting mechanisms. Internet-based crime reporting systems allow victims and witnesses of crime to report incidents to police 24/7 from any location. The aim of this project is to develop an online crime report and managing system which is easily accessible to the public. The police department and the administrative department. The system is intended for use in a community to help the residents interact with each other more easily and to encourage the reporting of suspicious behavior or crime. This system registers the complaints from people through online and it will also helpful to police department in catching criminals, in system and person can give any complaint at any time.

ADVANTAGES OF PROPOSED SYSTEM

- This will help the police department to manage their records easily.
- There is no need for a user to go to the police station to file any complaint.
- If the police doesn't react to the complaints the user can   forward it to higher authorities.
- To provide a secure system to users.
- Complaint registration.

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- Online first system.
- Giving feedback.
- Reduction of workload.
- Security.

5. CONCLUSION

The project entitled as "Implementation Of Online Crime Reporting System" is a web based application it will be very useful for police department as well as common peoples. This software provides facility for reporting online crimes, complaints, missing persons and show related sections. This software is develop with scalability in mind. Additional modules can be easily added when necessary. The software is developed with modular approach. All modules in the system have been tested with valid data and invalid data and everything work successfully. Thus the system has fulfilled all the objectives identified and is able to replace the existing system. The project provides much security. The Application is made users friendly to the maximum so that anyone can run the application provided the could access to the system via the login password. This project manages all details without any risk. All the objectives were met with satisfaction. The performance of the system is found to be satisfactory. From a proper analysis of positive points and constraints on the component, it can be safely concluded that the product is a highly efficient GUI based component. This application is working properly and meeting to all user requirements. This component can be easily plugged in many other systems.

6. FUTURE SCOPE OF THE PROJECT

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In a nutshell, it can be summarized that the future scope of the project circles around maintaining information regarding:

- Thumb recognition system can be added.

- Face detection or face recognition technology can be added.

- Integrate multiple load balancers to distribute the load of the system.

- Create the master and slave database structure to reduce the overload of the database queries

- Implement the backup mechanism for taking backup of codebase and database on regular basis on different servers. The above mentioned points are the enhancement which can be done to increase the applicability and usage of this project. Here we can maintain the records of crime.

The above mentioned points are enhancements which can be done to increase the applicability and usage of this project. Here we can maintain the records of crime and criminal. , as it can be seen that now-a-days the players are versatile, so there is a scope for introducing a method to maintain the online crime reporting system. Enhancements can be done to maintain all the crime. Criminal, police department, public, complaint.

We have left all the options open so that if there is any other future requirement in the system by the user for the enhancement of the system then it is possible to implement them. In the last we would like to thanks all the person s involved in the development of the system directly or indirectly. We hope that the project will serve its purpose for which it is develop there by underlining success of process.

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