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Crime Record Management System

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ABSTRACT: The Crime Record Management System is web-based application which help all Police stations across the country and specifically looks into the subject of Crime Records Management. It is well known that Crime Prevention, Detection and Conviction of criminals rely on a highly responsive backbone of Information Management. The efficiency of the police function and the effectiveness with which it tackles crime depend on what quality of information it can derive from its existing records and how fast it can have access to it. It is proposed to centralize Information Management in Crime for the purposes of fast and efficient sharing of important information across all Police Stations. Initially, the system will be implemented across Cities and Towns and later on, be interlinked so that a Police Staff can access information across all records in the state thus helping fast and successfully close the cases. The System would also be used to generate information for pro-active and preventive measures for fighting crime. The project has been planned to be having the view of distributed architecture, with centralized storage of the database. The application for the storage of the data has been planned. The standards of security and data protective mechanism have been given a big choice for proper usage. The application takes care of different modules and their associated reports, which are produced as per the applicable strategies and standards that are put forwarded by the administrative staff.

KEYWORDS: Crime Prevention, Detection and Conviction of criminals, fast and efficient sharing.

I. INTRODUCTION

The Crime Record Management System has been designed to override the problem of existing manual system. This web application is supported to eliminate and, in some case, reduce the hardship faced by manual system. The application is reduced as much as possible to avoid errors while entering the data. Its also provide message while entering invalid data. No formal knowledge is required for the user to operate this system. Overall, we said that Crime Record Management System is user friendly. In Crime Record Management System, we use PHP and MySQL Database. This project keeps the records of FIR, Criminals and detail of victims.

Now-a-days everything is getting computerized except for Police Record Management. We can see public who wish to complain go to the police station and file a complaint. Police maintain these complaints and FIRs and several other files manually. This software addresses these problems by letting public complain online and computerized management of these complaints along with maintaining records of FIR, Patrol, Criminals, Most Wanted Criminals etc. for police. This saves a lot of time of both police and public. This application mainly acts as a platform between police and public. It enhances the bond and it mainly makes the police to act quickly for any public disturbances. This also reduces the paper work for police where they can update, modify, delete or create any criminal record in this app. This application rules out all the problems of delay for the police to take against someone. This software reduces the amount of manual data entry and gives greater efficiency. The user interface of it is very friendly and can be easily used by anyone. It also decreases the amount of time taken to write FIR details and other modules.

II. OBJECTIVE

In the fast-moving world, if people lack something, it is time. All are busy in their world. So the main objective of our project is better communication, better leadership, reducing crime and disorder etc. The project provides a framework within which a user can easily work with. We know users are of many categories, like users from who know working with computers very well to users who didn't know about computers. So, all the category can use the software. So, it should be user friendly. The product provides a framework, which is error free. We know a crime management system is actually a critical process having many calculations and operations. So, each simple error laid to big problem. So, it should be error free and our objective is to build error free software. With the help of this software,

all the services and users can be properly channelized. This application mainly acts as a platform between police and public. It enhances the bond and it mainly makes the police to act quickly for any public disturbances. This also reduces the paper work for police where they can update, modify, delete or create any criminal record in this app. This application rules out all the problems of delay for the police to act against crime.

EXISTING SYSTEM

In the existing crime management system, most of the operations are done manually like send complaints, taking actions against crimes, view status etc. So with the existing system if anybody wants to complaint against crimes he must do it through the police. If we are doing the system manually, so many minor errors will occur. Error detection in the previous entries made and data cross verification is another important function. This seriously affects the authentication of the system. These are done manually, and it would take time.

DISADVANTAGES

- Most of the operations are done manually like send complaints, taking actions against crimes, view status etc.
- Error detection in the previous entries made and data cross verification is another important function.

PROPOSED SYSTEM

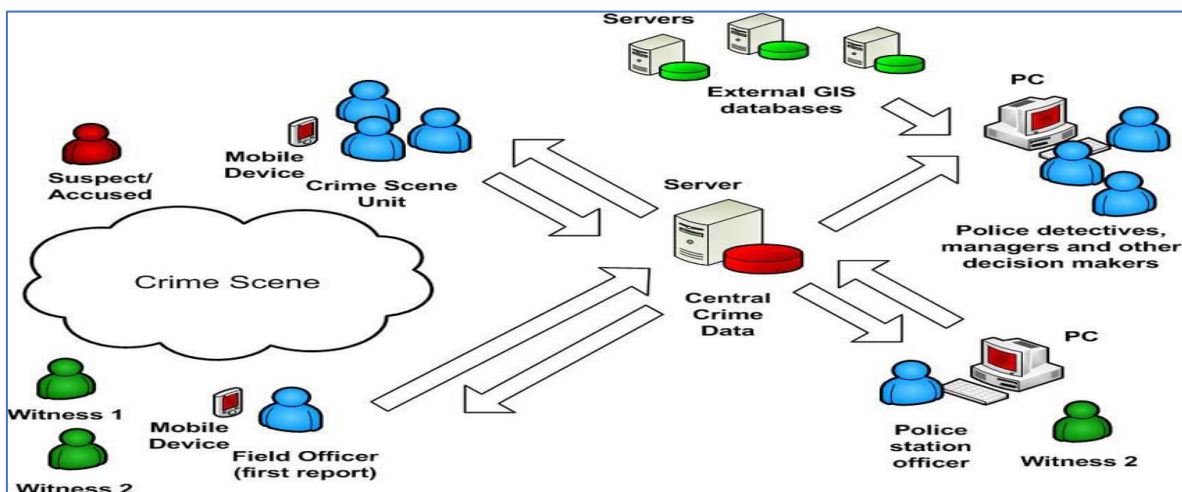
The aim of the project is to bring about improvement to the organization’s contributions; this report necessarily concentrates on overcoming weakness and raising standards. To avoid conducting and unfair evaluation efforts which are made to put this contribution into this context. It believes that partnership work is highly beneficial to the organization and that partnership work is the way forward to reduce crime and disorder. The proposed Crime Record Management System is to have everything completely automated and computerized. The software is very easy to use and manage even for a non-technical person.

ADVANTAGES

- To avoid conducting and unfair evaluation efforts which are made to put this contribution into this context.
- The software is very easy to use and manage even for a non-technical person.

III. SYSTEM ARCHITECTURE

MODULE



- Admin
- Police Staff
- User (Who filed the FIR online)

MODULE DESCRIPTION

ADMIN MODULE

1. Dashboard: In this section, admin can briefly view the total number of criminals, total police and total category of



crime.

- 2. **Police Station:** In this section, admin can manage police stations(add/update/delete).
- 3. **Police:** In this section, admin can manage police staff (add/update/delete).
- 4. **Crime Category:** In this section, admin can manage crime category (add/update/delete).
- 5. **View Criminals:** In this section, admin can view the detail of criminals which is added by police staff.
- 6. **View FIR:** In this section, admin can view the details of filled FIR by user and action which is taken by police staff.
- 7. **Report:** In this section, admin can view the number of criminals and how many FIR are registered in a particular periods.
- 8. **Search:** In this section, admin can search criminals and FIR details with the help of Criminal ID and FIR number respectively.
Admin can also update his profile, change the password and recover the password.

POLICE MODULE

- 1. **Dashboard:** In this section, police can briefly view the total number of new FIR, total approved FIR, Total Cancelled FIR, Total FIR Send for charge sheet, total completed charge sheet and total criminals.
- 2. **Criminals:** In this section, police can manage criminals (add/update/delete).
- 3. **FIR:** In this section, police received the FIR request which is sent by user and also have right to update the status of FIR according to current status.
- 4. **Charge sheet:** In this section, police generate the charge sheet of received FIR’s.
- 5. **Report:** In this section, police can view the number of criminals and how many FIR are registered in a particular periods.
- 6. **Search:** In this section, police can search criminals and FIR details with the help of Criminal ID and FIR number respectively.
Police can also update his profile, change the password and recover the password.

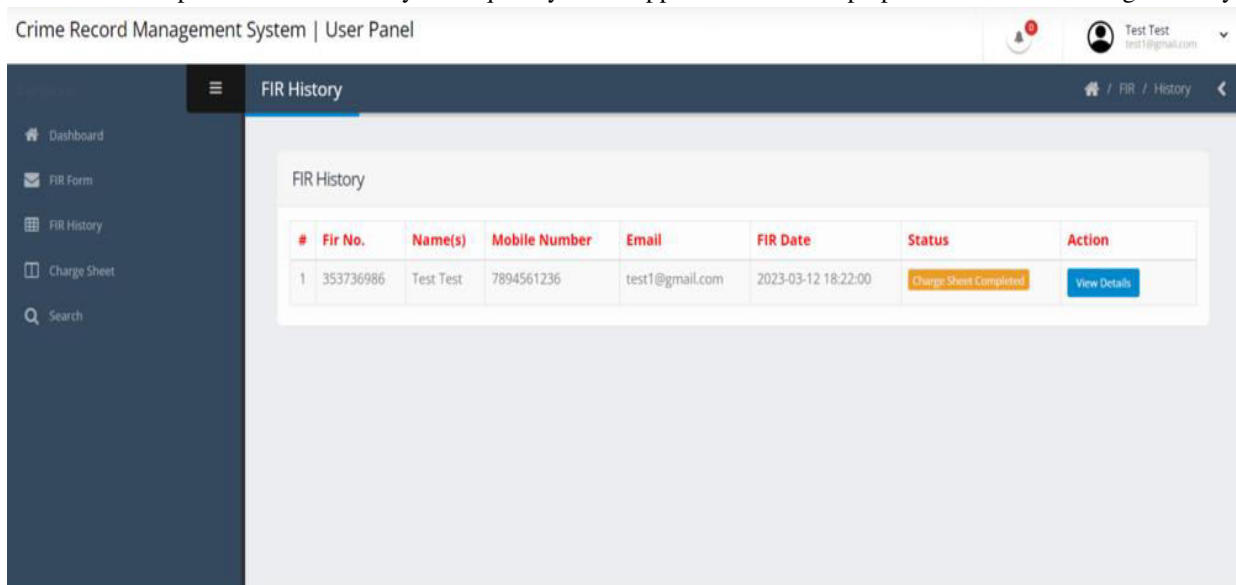
USER MODULE

- 1. **Dashboard:** It is a welcome page for users.
- 2. **FIR Form:** In this section, user can file the FIR.
- 3. **FIR History:** In this section, user can view the status of file FIR which is response by police station.
- 4. **Charge Sheet:** In this section, user can view the charge sheet of file FIR.
- 5. **Search FIR:** In this section, user can search the FIR with the help of FIR number

User can also update his profile, change the password and recover the password.

IV. RESULT

This application provides an easy and efficient process to store and manage all the criminal records by the police. And also helps them to act in any case quickly. This application also helps public to file a case against any



public disturbances or criminal offence easily. This application conveys message from public to police quickly which helps the police to act as soon as possible. At the end, we can say that this software is performing all the tasks accurately and is doing the work for which it is made.

V. CONCLUSION

The Software developed is found to be working efficiently and effectively. It results in regular and timely action against crime reported. It can be observed that the information can be obtained easily and accurately. The Software is made user friendly to the maximum so that any lay man can run the software provided he could access to the system via the login password. It believes that partnership work is highly beneficial to the organization and that partnership work is the way forward to reduce crime and disorder. The Application was designed in such a way that future changes can be done easily. The following conclusions can be deduced from the development of the project.

- Automation of the entire system improves the productivity.
- It provides a friendly graphical user interface which proves to be better when compared to the existing system.
- It gives appropriate access to the authorized users depending on their permissions.
- It effectively overcomes the delay in communications.
- Updating of information becomes so easier.
- System security, data security and reliability are the striking features.
- The System has adequate scope for modification in future if it is necessary.

VI. FUTURE ENHANCEMENT

The project includes that we can do all future enhancements to this system to make it more workable for us: We can store the fingerprints of criminals in a database. 2) We can manage and backup versions of documents online. We can also add an emergency button (SOS). We can make use of the latest blockchain technology for better security purposes. We can make projects more powerful with the help of artificial intelligence like Google Assistant and Siri, for example. If you want to register a complaint regarding any person, or if you want any help regarding understanding the app, or if you want to add any feedback. The posted crime takes time to be verified by local police, as it is still a manual process, so the solution to this is that police officers can take the help of a video surveillance system to verify the posted crime place and the current situation in that place. Whether to grant bail or not is decided by a panel of judges when a suspect is under trial by an agent in the distant future. Therefore, data science can help predict whether the suspect will be in danger in the future or whether bail can be granted.

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