

# **Crime Reporting and Recording System**

# Pritam Vinay Chaudhari<sup>1</sup>, Prajyot Pradeep Dal<sup>1</sup>, Rahul Laxman Nikhare<sup>1</sup>, Saurabh Poonam Dayal<sup>1</sup>, Prof. Ashish Golghate<sup>2</sup>

<sup>1</sup>BE Students, Department of Computer Science And Engineering, Rajiv Gandhi College of Engineering & Research, Hingna Road, Wanadongri, Nagpur, Maharashtra, India

<sup>2</sup>Assistant Professor, Department of Computer Science And Engineering, Rajiv Gandhi College of Engineering & Research, Hingna Road, Wanadongri, Nagpur, Maharashtra, India

# ABSTRACT

Crime Reporting and Recording System is a web application for citizens and police department. Its main goal is to make a crime reporting procedure easy for citizens and to provide a web application for the police department for maintaining their data more efficiently and improve work efficiency of the department. The system which is primarily incident-based, reports on a broader range of crimes and includes data on the circumstances of the crime, the victim, and the defendant. The present crime reporting system is faced with several difficulties as there is no instant way of reporting crime other than telephone calls, messaging or possibly face-to-face which is usually complex especially where the correspondent wishes to keep ambiguity. In the previous system, data is maintained in the form of records which will cause the chances of loss of information. In order to overcome this problem, we implement an online web portal where data is stored in the database and provide a more secure and fast processing method.

Keywords: Crime Reporting, Complaint, Maintain Data, Missing Reports, Most-Wanted Reports.

## I. INTRODUCTION

Crime reporting and Recording System is a webbased application. This web-based application provides a facility for reporting complaints, show missing person details and show most wanted person details. Users first make their login to the server to show their occurrence. This web-based application will be most useful for Police Department for searching for criminals. To develop an online comprehensive crime reporting system to connect public, police to be more quick and alert to fight with crime and criminals. Maintaining information about citizens and provide some basic services. Our project's main initiative is to implement a computerized web-based application for common people for registering their complaints or to access their complaint status via online. The police staff

would also be able to recognize any criminal and this is possible if a database is available. For the public security, there would be a record of the most wanted persons, suspected criminals history, cases, news and events, contact details, and so on. The objectives of this project are accessible to the citizens for their queries and complaints, establishing a database of citizens and police staff. An online complaint registering system will work out the worries of common people and it will also help the police department in catching criminals. The person who registered the case will also get access to their case details and status of complaint at any point, either by going to any police station or requesting an officer to access their case on web application, or by accessing their case details online via registered user and password that is issued at the time of registration. By using this application people who are afraid or don't

have sufficient time for going to the police station for registering a complaint about their issues then here they can register and submit their complaint through online.

#### II. RELATED WORK

#### A. Criminal Records Management System

It is referred from paper called as A real-time crime records management system for national security agencies[4]. It is a database system in which the police keep the record of criminals who have been arrested or escaped. This will help the police department in enhanced management of information. The main entities in the whole process include; the petitioner (the person who files a First Incident Report (FIR)), victim, criminal. The CRMS keeps records of the petitioner, victim, accused, FIR, case and investigation officer entities. The system's strengths lay in that it allows for storage of multiple data for a criminal.

#### B. OCRS (Online Crime Reporting System)

It is referred from paper called as Grid Based Authentication for Online Crime Reporting System [3].(Online Crime Reporting System) is an E-Police Station which can maintain the records of crime like FIR, criminals details and police department administration. Employee logs on to his account, to view FIR files and complaints which is sent by people. Management of lower designation officers by higher designation officers. This feature allows admin user to create the required amount of employees, transfer employee and promotion. Maintains history of the employee's right from the date of joining to his retirement. Also the retired employee record is also maintained. Database and Server backup would be maintained. Track all the employees, citizens and their contact details. Confirmation link is sent to the new user and employee when signing up.

#### **III. LITERATURE SURVEY**

E-Police Police Record Management System was proposed by Sumit R. Fiesole and Shreyas B. Kene [1], E-police system is an e-government related service and it makes the communication process a possibility, a great success for a modern era which increases the professional efficiency for the government police administration. In this paper, we emphasis on the infrastructure of an e-police system as well as its steps, encounters of execution and its requirement.

A Scalable Online Crime Reporting System was proposed by R. G. Jimoh, K.T. Ojulari and O.A. Enikuomehin [2], The proposed crime reporting system aims to assist the Nigerian Police in their bid to solve crimes with timely and useful information about criminals and/or their mode of operations so as to nip in the bud criminal activities in a given locality. Finally, a prototype crime reporting system was designed that relies on four reporting forms: a complaint or dispatch reporting form, a crime event report form, follow-up investigation report form, and an arrest report form. The system comprises of three well-designed modules: a data capture module, a report management and control module, and a data consumption module.

Grid-Based Authentication for Online Crime Reporting System was proposed by Naikwade Varshal, Nanaware Snehal, Pansare Snehal, Baviskar Amol [3], in this system data is maintained in the form of records which will cause the chances of loss of information. In order to overcome this problem, we implement an online web application where data is stored in the database and provide a more protected and fast handling method.

A Real-time Crime Records Management System for national security agencies was recommended by Oludele Awodele, Onuiri Ernest E., Olaore Olufunmike A, Sowunmi Oluwawunmi O. Ugo-Ezeaba Anita A [4], The offered CRMS enhances the crime recording operations of the NPF. The data used by the CRMS is stored in a centralized database which embraces information about criminals, crime, and users of the system. The database is the basis for all actions in the system and can be easily updated and used to help in all of the system's processes, that is, all of the required information is stored in one central location and thus is easily available.

Crime Area Detection and Criminal Data Record were suggested by Aanchal Dabhere, Aniruddha Kulkarni, Ketaki Kumbharkar, Vrushali Chhajed, Sneha Tirth [5], it emphases on overcoming this drawback by providing a method for verifying the instance. The application will be useful for the remote access of criminal data which will be beneficial for the examinations carried by the police department.

#### IV. IMPLEMENTATION

The system comprises of a home page where the user and police see the information about the crime, login form, main menu block there are some option links available. There is registration option, where user and police have to register first to show their existence. After clicking on the registration option there it shows one form that contains some fields like First Name, Middle Name, Last Name, Contact number and so on. The next step is to fill the following login details in that we have to write login name, password and again re-type the password and then click on login button.

There we are providing three different modules they are as follows:

- 1. User module
- 2. Police module
- 3. Admin module
- 1. User module



2. Police module:



3. Admin module:







This is our Homepage. In this page there information about the crime, login form, and various other options are available.

## 2. User Page



This is a User page, here the user can register FIR, also can see missing FIR, edit their profile and log out.

## 3. Police Page



In Police page there police can view FIR details, they can also edit profile, log out and also other options are provided.



In Admin page, there are options like View area, view city, view designation, different types of crime, police station details, officer detail and log out.





In FIR page the person who register FIR will have to fill details like first name, last name, date of crime, contact, city, and so on. The person can also upload photo where the incident was happen.

## 6. View registered FIR page:



In View registered FIR page there the user can view FIR of people who registered FIR and they also can view city name, area name, Id proof, Id proof number and description.

#### VI. CONCLUSION

The project titled as "Crime Reporting and Recording System" is a web-based application. This provides the facility for register/track complaints, show missing person details, show criminal details and so on. The system will fulfill all the objectives recognized and is able to replace the existing system. Hence we conclude that Crime Reporting And Recording System can be used to connect public, police to be more rapid, pre-emptive and reactive to fight crime and criminals.

#### VII. REFERENCES

- [1]. Sumit R. Fiesole, Shreyas B. Kene, E-Police Police Record Management System, International Journal on Recent and Trends Innovation in Computing and Communication, March 2014, Volume: 2 Issue 3
- [2]. R. G. Jimoh, K.T. Ojulari, O.A. Enikuomehin A Scalable Online Crime Reporting System, African Journal of Computing & ICT, January 2014, Vol 7. No. 1
- [3]. Naikwade Varsha, Nanaware Snehal, Pansare Snehal, Baviskar Amol, Grid Based Authentication for Online Crime Reporting System, International Journal of Computer Science and Mobile Computing, March 2015,Vol.4 Issue 3
- [4]. Oludele Awodele, Onuiri Ernest E., Olaore Olufunmike A., Sowunmi Oluwawunmi O Ugo-Ezeaba Anita A, A real-time crime Records management system for national security agencies, European Journal of Computer Science and Information Technology, May 2015, Vol.3, No.2.
- [5]. Aanchal Dabhere, Aniruddha Kulkarni, Ketaki Vrushali Chhajed, Sneha Tirth,Crime Area Detection and Criminal Data Record, International Journal of Computer Science and Information Technologies, 2015, Vol. 6 (1)
- [6]. Mwangala Mwiya, Jackson Phiri, Gift Lyoko,Public Crime Reporting and Monitoring System Model Using GSM and GIS Technologies: A Case of Zambia Police Service, International Journal of Computer Science and Mobile Computing,November 2015, Vol. 4, Issue. 11
- [7]. Sarpreet Kaur, Dr. Williamjeet Singh Assistant Professor, Department of Computer Engineering, Systematic Review of Crime Data Mining, International Journal of Advanced Research in Computer Science, May-June 2017, Volume 8,No. 5
- [8]. Osman Nasr, Enayat Alkhider, Online Complaint Management System, International

Volume 3, Issue 1, January-February-2018 | www.ijsrcseit.com | UGC Approved Journal [ Journal No : 64718 ]