

# Online Crime Reporting System

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## Abstract

Online crime reporting system is a system used for sharing data to the common people. The traditional method of crime reporting stored data in manual format. In Online Crime Reporting System messages or data related to crimes, missing persons and terrorists is stored and modified by admin that is SP (Superintendents of Police) uploads data through his admin login. In Online Crime Reporting System messages are routed according to the content of the message. The purpose of Online Crime Reporting System is to power the existing physical system by the help of computerized equipment's and complete computer software, fulfilling their requirements, so that their valuable data/information can be kept for a longer period with easy opening and handling of the same. The required hardware and software are easily available and easy to work with.

## Introduction

The "Online Crime Reporting System" has been developed to override the problems main in the practicing manual system. In Online Crime Reporting System messages or data related to crimes, missing persons and terrorists is stored and modified by admin that is SP uploads data through his admin login. This software eliminates and in some cases reduces the hardships faced by this existing system. Moreover this system is designed for the particular need of Common people and Police officers to carry out operations in a smooth and effective manner. The project titled as "Online Crime Reporting" is a web based tender. This software provides facilities for reporting online Fir's view missing person, show most wanted person's details, stolen

vehicles, crime details, terrorists details etc.

The application is reduced as much as possible to avoid It also provides error message while entering invalid data. while entering the data. It also provides error message while entering unacceptable data. No formal knowledge is needed for the user of this system. Thus by this all it shows it is user-friendly. Online Crime Reporting System, as defined above, can lead to error free, secure, reliable and fast management system. It can contribution the user to concentrate on their other activities rather to concentrate on the record keeping. The "Online Crime Reporting" project is to provide all crime management results which are easily accessible to everyone. The Crime application starts with the common people who want to log a fir through the website so it can be very useful for police department to find out the tricky in the society without people are coming to the police station every time. Every organization, whether big or small, has challenges to overcome and managing the information of Criminal, Crime, Public, Solutions, and Complaints. Every Online Crime Reporting System has different Crime needs, therefore we design high-class employee management systems that are modified to your managerial requirements. This is designed to assist in strategic planning, and will help you ensure that your organization is armed with the right level of information and details for your future goals. These systems will ultimately allow you to better manage public needs of safety.



### Functionalities provided by Online Crime Reporting System

1. Provides the searching facilities based on many factors. Such as, Crime, Police Department, Public, Complaint.
2. Online Crime Reporting System also manages the solutions details online for Public details, Complaint details, Crime.
3. It tracks all the information of Criminal, Solutions, and Public etc.
4. Manage the information of Criminal.
5. Shows the information and description of the Crime, missing person, show most wanted person's details, stolen vehicles, crime details, terrorist's details .
6. To increase public awareness.
7. Deals with nursing the information and transactions of public.
8. Manage the information of crime.

### Proposed System

- 1 First of all admin (SP) log into system .

- Collect data through police station
  - upload data and updates the information
- 2 Police can also upload Criminal related data and update information
  - 3 Police can give access rights related to criminal information to the common people
  4. User can create account into the system.
  5. User can register the complaint related to the crime like stolen vehicles, missing person, general crime.
  - 6 There are 2 types of users first one is visitor and second one is non-visitor.
    - Register visitor can do some changes like view information, feedback, report crime etc.
    - Non-visitor only view information but can not changes into the information
  7. User can report about any crime detected.

### System Architecture

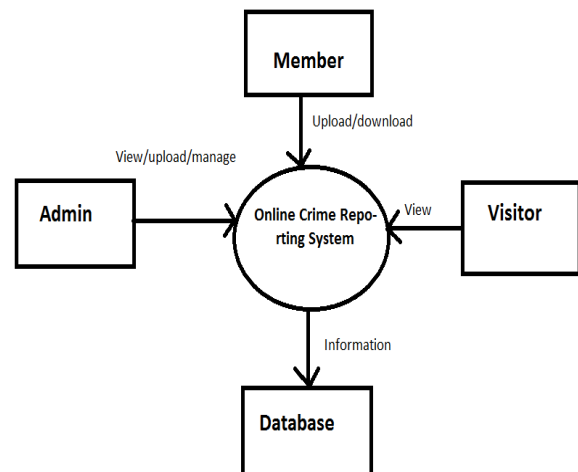


Fig. Architecture Diagram

In this Architectural Diagram, the information provided to and received from the 'Online Crime Reporting System' is identified. The arrows represent the information received or generated by the application. In the system, we can detect that the user interacts with the application

through a graphical user interface (GUI). The inputs to the system are the FIRs, profile, police detail etc. criteria providing by the user and a new review written by the user to some certain entries unlike FIRs. Also, the output is in the form of repeater and grid views which present the users (Police) with the list of FIR available. The users (police) can view complete FIRs or complaints; view Images and evaluations by other users (public)

### Advantages

- Ensure data accuracy
- Proper control of the higher authority.
- Minimize manual data entry.
- Greater efficiency.
- Better service.
- User friendliness and interactive.
- Minimum time required.
- Minimum time needed for the various processing

### Features

- Product and module based
- Making & changing Issues at ease
- Query Issues List to any deepness
- Reporting and Charting in more full way
- User Accounts to control the access and keep security
- Simple status and Purposes
- Multi-level Priorities & Difficulties
- Targets & Signs for guiding the programmers

### Applications

- Ensure data efficiency
- Greater efficiency
- Better service
- Minimum time required
- Minimum manual data entry

## 1 General crime reporting form

The screenshot shows the 'General Crime Reporting System' interface. At the top, there is a navigation bar with 'HOME', 'REPORT CRIME', and 'ALERTS' buttons. The user is logged in as 'rahuljay@gmail.com'. The main content area displays the 'General Crime Reporting Form' with the following fields:

- Crime Type:** A dropdown menu.
- Street:** A text input field with the example 'eg. along Zive Kitalo road'.
- Specify Location:** A section containing 'County' and 'Sub-County' dropdown menus.
- Crime Descriptor:** A large text area for describing the crime.
- Report Crime:** A blue button to submit the report.

## 2 User Login Form-

The screenshot shows the 'User Login Form' interface. At the top, there is a navigation bar with 'HOME', 'REPORT CRIME', and 'ALERTS' buttons. The user is logged in as 'rahuljay@gmail.com'. The main content area displays the 'Login' form with the following fields:

- Email address:** A text input field.
- Password:** A text input field.
- Login:** A button to submit the login credentials.

### 3 Missing Persons -

### 4 Missing Vehicle -

**Add Complaints** – This module help the user to report online complaints.

**View Missing Persons** – Inthis module it helps the user to view all the missing person details.

**View Most Wanted Persons** – This module help the user to view all the most wanted persons details.

**View Complaints Status** – This module allows us to view the status of all complaints that you have posted earlier.

**View Breaking News** – this Module helps user to show all the types of latest news.

**View Lost and Found Information** – This module allows us to see list of Lost and Found Items.

**Change Admin Password** – In this module user can change the Password.

### 5 Police Dashboard(Database)

Name	Action
Phone	<a href="#">View</a>
phone	<a href="#">View</a>
pens	<a href="#">View</a>
phone	<a href="#">View</a>
laptop	<a href="#">View</a>

Status	Number Plate	Action
Missing	0571	<a href="#">View</a>
Missing	6775	<a href="#">View</a>
Missing	1111	<a href="#">View</a>
Missing	8008	<a href="#">View</a>
Missing	8085	<a href="#">View</a>
Missing	9433	<a href="#">View</a>

Category	Action
Rape	<a href="#">View</a>
Robbery	<a href="#">View</a>
Robbery	<a href="#">View</a>
Looting	<a href="#">View</a>
Rape	<a href="#">View</a>
Robbery	<a href="#">View</a>

Category	Name	Action
Missing	Aakash	<a href="#">View</a>
Missing	Rajendra	<a href="#">View</a>
Missing	rajana	<a href="#">View</a>
Missing	Seema	<a href="#">View</a>
Missing	xyz	<a href="#">View</a>
Missing	www	<a href="#">View</a>

**Latest News**

- Woman chops of husband's genitals suspecting infidelity after the incident took place on Sunday in a village in Nalbaringpur district, 524 km from Shubansore, when the woman allegedly chopped off her husband's genitals when he was asleep at night.
- Gurgaon woman held for killing husband Gurgaon police arrested a woman who allegedly hired contract killers to get her husband eliminated. Police found the body from a drain in Baghera area near Dwarka expressway on Sunday.
- Delhi Woman dies after falling from 3rd floor, family alleges rape The police said, prima facie, it appears that the woman was suffering from depression and committed suicide.

**View and Delete all Complaints** – This module helps the admin to view and delete complaints.

**Add, Update, Delete High Authority details** – This module used for add new authority details, update high authority and delete exiting authority details.

**Add, Update, Delete, Police Station details** – This module used for add new Police Station details , inform police station details and delete police station details.

### Police Station Module - Manage Profile

**View Complains**

**Upload Most Wanted Criminals Information**

## 6 Admin Database:



[3]<http://thecodegallery.com/Projects/PHP/CrimeReporting.php>

[4] Austin modin (2008-10-10). "Organized crime tampers with European card swipe devices." The Register. Retrieved 2009- 4-18

[5][crime-reporting-management-system-project-java.html](#)

[6] Ian Richards (2007-07-19). "How to improve your security when using a public terminal (part 3 of 4)". Windows secrets. Retrieved 2010-06-15.

## **Conclusion**

The system gives an approach to provide security in online crime reporting system. Our system became secure as we are using identity based encryption to provide security and also using encryption algorithm for the key generation. Our project is only a humble to satisfy the needs to manage their project work. Several user friendly coding have also adopted. This package shell prove to be a powerful package in satisfying all the required of the school. The objective of software planning is to provide a frame work that enables to make reasonable estimates made within a limited time at the beginning of the project and can be updated regularly as the project progresses.

## **References**

[1] John Leyden (2000-12-06). "Mafia trial to test FBI spying tactics keystroke logging used to spy on mob suspect using PGP". The Register. Retrieved 2009-04-19

[2] John Leyden (2002-08-16). "Russians accuse FBI agent of hacking ". The Register.