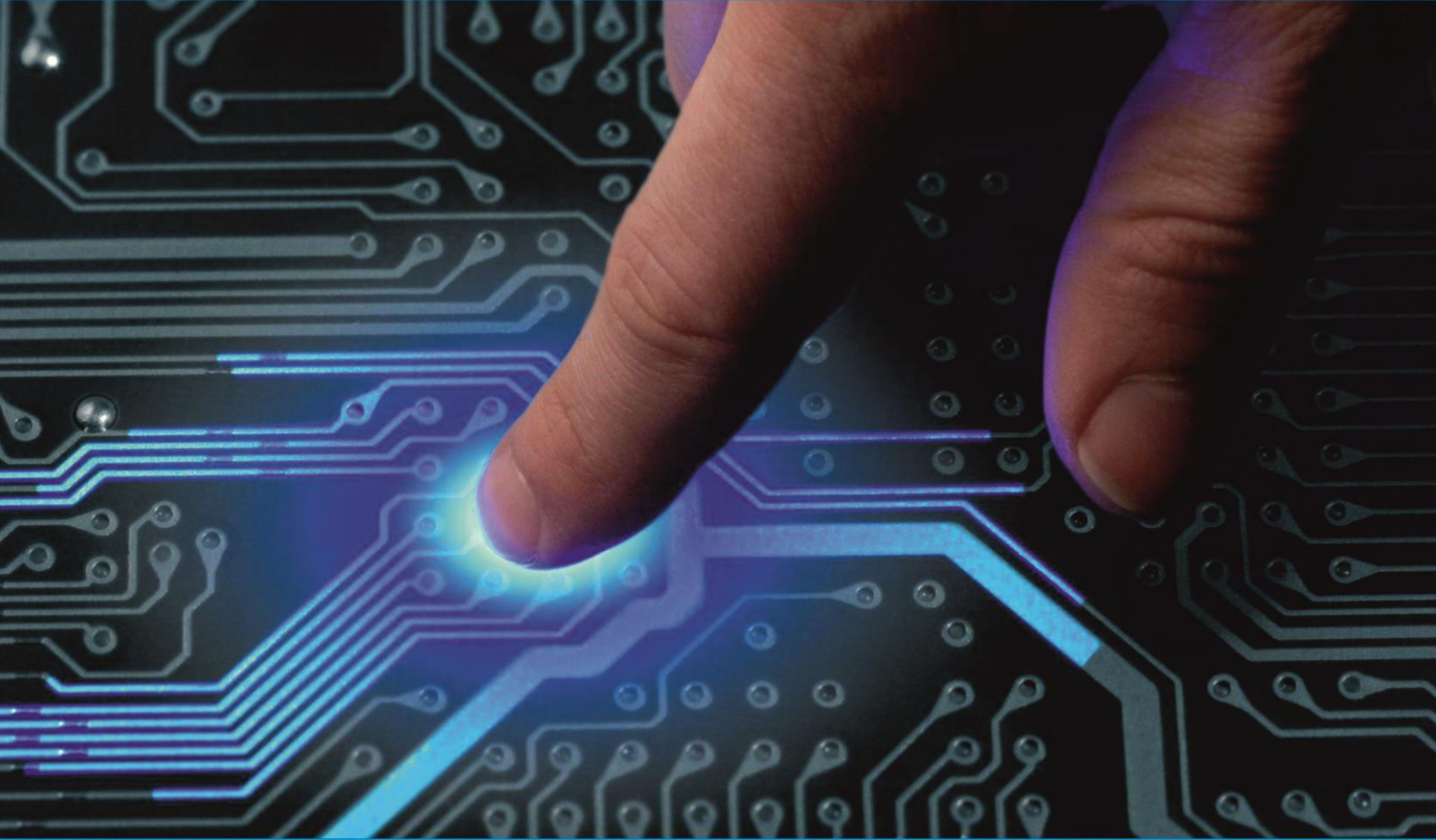




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# Online First Investigation Report (FIR) System

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**ABSTRACT:** India is a developing country now days. Our country has more population as compare to other countries. So that public security is the most important part of the security system of our country. The Indian police system is made for public security by the Indian government. If we used our technologies in the Indian police system then this is very useful for society. FIR is a First Investigation Report. If we are in any trouble then we can complain. FIR is the first step, after FIR police can start the investigation. In previous days this system was offline. A person has to go to the police station to complain to someone else. There is a problem if there is no police station in a nearby area. So, this is a very time-consuming process. To solve this problem, we developed an online system for registering the complaint of users or victims. FIR can be registered by the victim or by any relatives of the victim.

**KEYWORDS:** E-governance, Police Portal, FIR, ICT, Online FIR System, Quick Response

## I. INTRODUCTION

We wanted to work on a project that can real-life problems, India is a developing country and nowadays so many new technologies are introduced. The technologies are used in the universities, Banking sector, Market sector, etc. Our country has more population as compare to other countries. So that public security is the most important part of the security system of our country. The Indian police system is made for public security by the Indian government. If we upgrade our technologies in the Indian police system then this is very useful for society.

After the mutual decision, we finally decided on the topic that will not only solve people's real-life problems. So we have created **E-FIR System (Police Portal)**.

## II. LITERATURE SURVEY

The Indian Police system is made for public security by the state governments of India, we can see the details of particular information about the police station in our state, the existing system has more workload for the authorized person, but in the case of the proposed system, a user can lodge a complaint in our online FIR system No Files, No Obstacles, and Immediate Response.

In the existing system only, we can see the details of particular information about the police station in our state, the existing system has more workload for the authorized person, but in the case of the proposed system, the user can register in our site and send the crime report and compliant about a particular city or person.

1. The existing system cannot involve general users & no proper security.
2. User cannot complain online, can't search police details.
3. In existing system cannot provide the wanted list.

The existing system is not providing facilities for searching capabilities like crime and criminal search-region, crime type, gender, age, group-wise, etc.

**Need :** FIR is a First Investigation Report. If we are in a trouble then we can lodge a complaint by visiting the nearest police station. FIR is the first step before policemen can start the investigation. There's a problem if there is no police station in a nearby area. So, this is a very time-consuming process. To solve this problem, we developed an online system for registering the complaint of users or victims. FIR can be registered by the victim or by any relatives of the victim.

### III. PROPOSED SYSTEM

Our system is totally focused on GPS, Complaint Tracking, Feedback, Image/Video unlike other applications which solely focuses on providing complaint.

The aim of the proposed system to develop a system of improved facilities. The system we proposed can overcome all the limitations of the existing system.

- The system provides proper security and reduces manual work.
- The proposed system tries to eliminate or reduce these difficulties up to some extent.
- The proposed system will help the user to reduce the workload and mental conflict.
- The proposed system helps the user to work user-friendly and he can easily do his jobs without time logging.
- The proposed system helps to connect all police stations.
- The user can handle the proposed system from anywhere by viewing authored module.

#### Advantages

- The E-FIR System allows users to file a complaint Quicky with the minimal and rich user experience and interface.
- System can track the progress of the complaint lodged by a civilian.
- E-FIR System provides direct communication between the civilians and the policemen.
- For the improvement of society with ease of access towards problem reporting and faster result than anticipation. With the sudden increasing wave of new technologies and innovations, human perseverance has shortened.
- Quick response
- No human error, transparency, and convenience.

#### Disadvantages

- Needs Internet
- Require of Devices Mobile, Desktop, etc.

### IV. METHODOLOGY

#### Step 1: Application

1. Smart Complaint Filling
2. Status Tracking
3. Civic Profile

#### Step 2: Project Module

1. Registration module  
Registration module is the first step to connect E-FIR System User has to submit the proper data (username and E-mail id must be unique for everyone). When the User can finish the registration process then he/she can log in to the system and file their FIR.
2. Location tracking module  
In the location tracking module, we track the location of the user by using GPS (Global Positioning System). we can track the location of the user by latitude and longitude of the location using google maps APIs.
3. Sending details module  
This module is used to send all information of the victim/user to the database server of the police department.
4. FIR Registered module  
E-FIR Registered module is used to fetch all the information of the user from the department database. After receiving the information System sends acknowledgment and FIR Id to the user on his mobile.

Step 3: Dashboard Module

1. Check FIR  
The administrator checks all the FIRs and proceeds to the next operation based on categories like normal complaints, emergency.
2. Emergency list  
Display the Emergency messages list.
3. Wanted List  
The wanted list is generated automatically if the number of complaints upon a person goes up by Five
4. FIR Actions  
It shows the action which is taken by the policemen for a particular complaint.

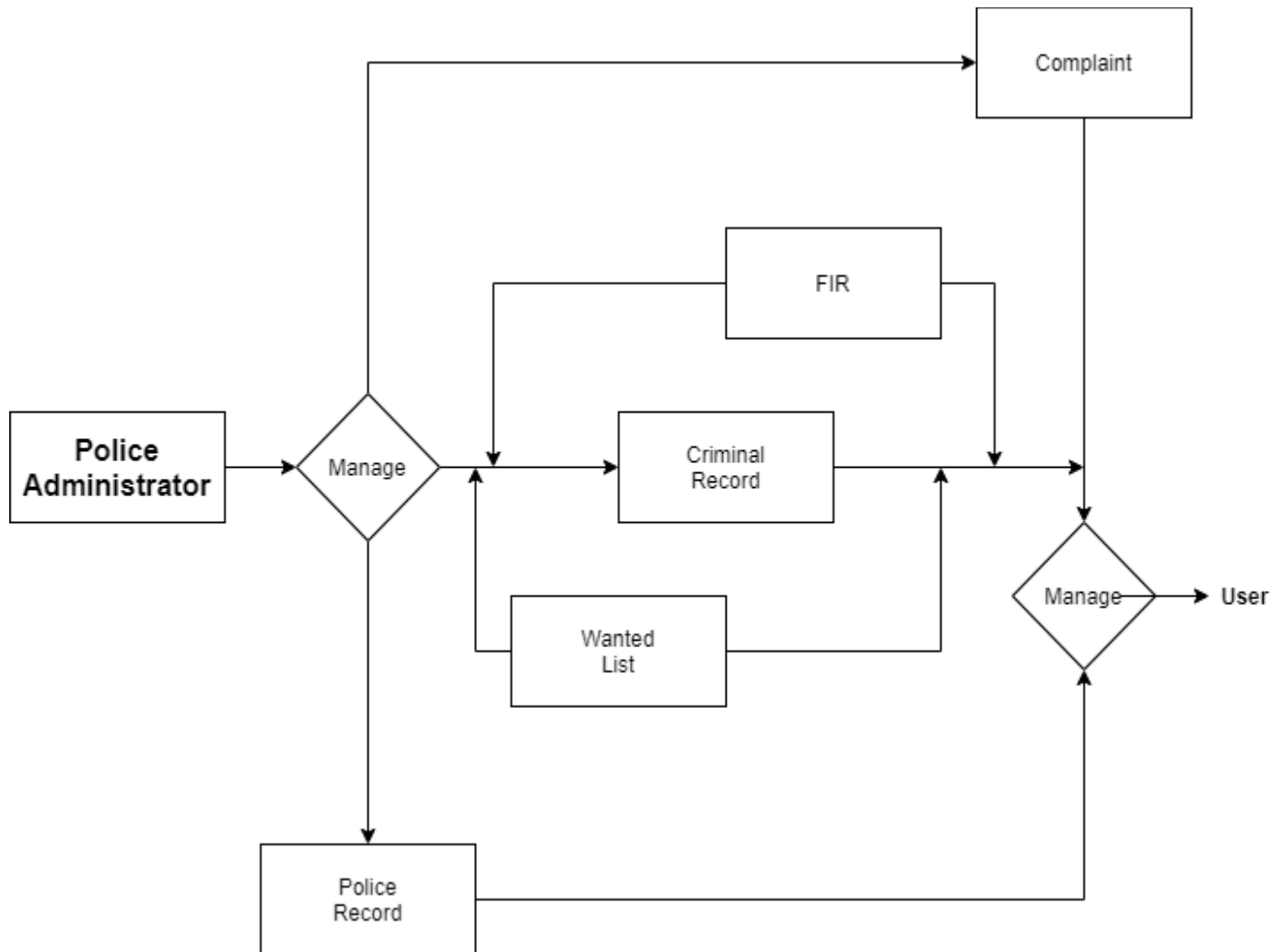
Step 5: Design Planning

The project is divided into modules 1st one is Administrator, 2nd is the Police User module and 3rd is General User Module.

- a. Administrator  
The administrator manages all the information which is available on the E-FIR System and criminal records.
  1. Register  
It is used to register a police department account.
  2. Login  
After registration, the admin should log in.
  3. Complaint  
Admin should be creating a compliant.
  4. FIR  
It is used to create FIR.
  5. Criminal Records  
It is used to create criminal searches.
  6. Wanted List  
It is used to add /create the wanted list.
  7. Search Criminal Records  
It is used to search criminal records.
  8. Police Records  
It is used to log in all police in police stations.
  9. Search police Records  
It is used to search police records.
- b. Police User  
It is an important module for police department users. It is an outer side service for police i.e. if the police are not in the police station he can view the criminal records. Police user can log in only by entering user name and password.
  1. Complaint  
Police should be creating a complaint.
  2. FIR  
It is used to create FIR.
  3. View Criminal Records  
It is used to see the criminal record.
  4. View Wanted List  
It is used to see the wanted list
  5. View Police Record  
It is used to see the police Record.
  6. Login  
It is used to police log in.
- c. General User  
It is an important module for general users. It is helpful for online complaints, view the police record, and view the wanted list. General users can register first then any operation can perform.

1. Registration  
It is used to register general users.
2. Login  
After registration, users should be login.
3. Complaint  
It is used to the online complaint.
4. View Wanted Record  
It is used to see the wanted record.
5. View Police Record  
It is used to see the police record/details

### V. FLOW CHARTS



#### Technical Language

- a. PHP
- b. Mysql
- c. HTML
- d. CSS
- e. JavaScript
- f. JQuery



- g. Bootstrap
- Software Used
- a. XAMPP
  - b. Browser

## VI. CONCLUSION

Using this system users can register FIR within one click of a button. This system gives the FIR number to the user which cannot be given in the previous system. This system consumes less time because there is no need to go police station personally and registered FIR. In this project, a completely integrated and compact system is developed that can be used by the common man as well as the police. Using this system would be like a win-win situation for both of them. The SOS system is a very useful and efficient security measure. This project will prove to be a widely used system in the future that could be used by the police department, the common man, security agencies, and even hospitals (for accident and assault victims). This project has the most including strength is it contributes new features as well as retaining the original qualities of the existing systems.

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