

FIR Management System

Group Member Names-

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Introduction :

In this project, we have tried to implement an FIR Management System. The front end has been implemented through HTML. The main page has been provided with three options-

- 1) Option for a victim to file an FIR whose details get stored to the main database.
- 2) Option for a victim to check the status of his case, by using his case-id
- 3) A login section which provides the option for login with a username and password to the admin (a police official in this case). After successful login, the user gets redirected to a query page. The query page is form and button page in which we have provided some basic set of queries. The form handling has been done through PHP. We have only included some basic queries which can easily be increased and improved upon if needed. The database on which these queries are based has been made using mySQL.

Front page-

Main Page - Google Chrome

Main Page

localhost/~ashish/login.php

To file an FIR click here

Open Form

Login

UserName :

Password :

Submit

Enter Case ID to check your Case Status:

Enter Case Id...

Get details

When we click on “To File an FIR click here”, following sign-up form opens-

localhost/~ashish/try.php? - Google Chrome

localhost/~ashish/try.php?

Sign Up

Please fill in this form to create an account.

Aadhar Number

Enter Aadhar Number

First Name

Enter First Name

Last Name

Enter Last Name

Address

Enter Address

Crime Type (Embezzlement, Harrasment, Murder, CyberCrime, Kidnapping, Rape, Theft, Trafficking, Ragging, ChildAbuse, Others)

Enter Type Of Crime

Phone Number

Enter Phone Number

Description

Details about Crime

Date Of Crime

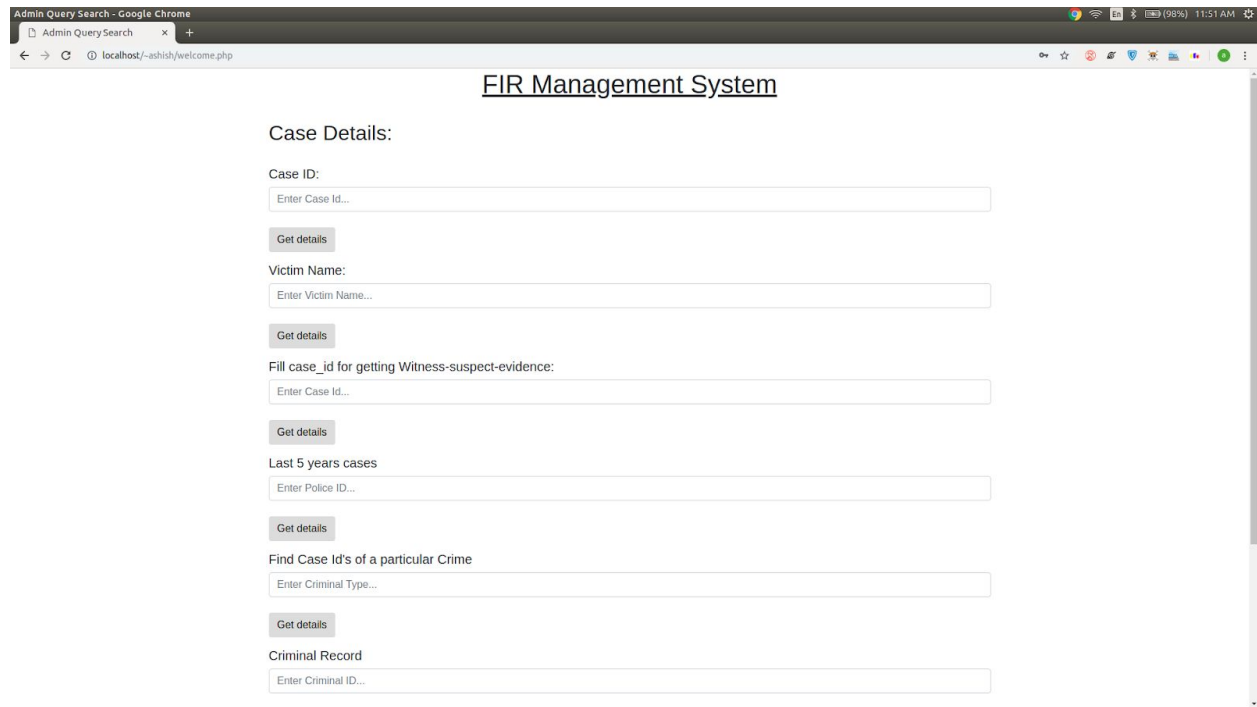
dd/mm/yyyy

Place Of Crime

Place Of Crime

SUBMIT FIR

And when admin/police enter username & password, the following query page appears-



The screenshot shows a web browser window with the title 'Admin Query Search - Google Chrome'. The address bar shows 'localhost/~ashish/welcome.php'. The page content is titled 'FIR Management System' and contains several search forms under the heading 'Case Details:'. Each form has a text input field and a 'Get details' button. The forms are for: Case ID, Victim Name, Fill case_id for getting Witness-suspect-evidence, Last 5 years cases, Find Case Id's of a particular Crime, and Criminal Record.

Case Details:

Case ID:
Enter Case Id...
Get details

Victim Name:
Enter Victim Name...
Get details

Fill case_id for getting Witness-suspect-evidence:
Enter Case Id...
Get details

Last 5 years cases
Enter Police ID...
Get details

Find Case Id's of a particular Crime
Enter Criminal Type...
Get details

Criminal Record
Enter Criminal ID...

The structure of the database is as follows:

Entities:

- Registration (Avoid duplicate registrations)
- Criminal
- Victim
- Crime
- Status (Log)
- Case Incharge
- Police Officers
- Suspects
- Evidence
- Witness

(when the status changes to 'case closed' the victim record has to be removed and one of the suspects has to be moved to the criminal database)

1. Victim :
First Name
Last Name

Aadhar no.

Address

Phone number

2. Registration:

Aadhar no. (Victim)

Case Id

Crime type

Description

Date of crime

Place of crime

3. Criminal

Criminal Id

Case Id *(registration)

First Name

Last Name

Address

Case incharge id*(Police Records)

4. Crime:

Crime type*(registration)

Case Id*(registration)

5. Status

Case Id*(registration)

Submitted

Fields verified

Case Incharge appointed

Progress Description

6. Case Incharge:

Case Id*(registration)

Case Incharge Id*(Police Records)

7. Police Records

Police ID

First Name

Last Name

Position

DOB

Address

Phone number
Aadhar number

8. Suspects

Case Id*(registration)

First Name

Last Name

Address

Phone number

9. Witness

Case Id*(registration)

First Name

Last Name

Address

Phone number

10. Evidence

Case Id*(registration)

Case box number

Evidence type

Triggers:

- 1 . Insert into "victim" after insert into "registration" (Aadhar number in registration is updated using cascade)
- 2 . Insert into "Case Incharge" first after addition of a row into registraiton and then after case incharge appointed of a case id in "status" changes to yes
- 3 . insert row into "crime" after insert into "registration"
- 4 . insert into "criminal" after completed in "status" changes to yes
- 5 . insert into "status" only case id after insert into registration and by default all attributes are set to "NO" initially