FIR Management System

Group Member Names-

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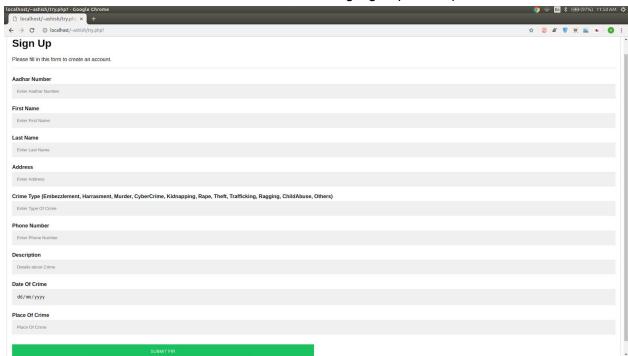5. *Kaveti Dinesh Kumar (160329)*

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.
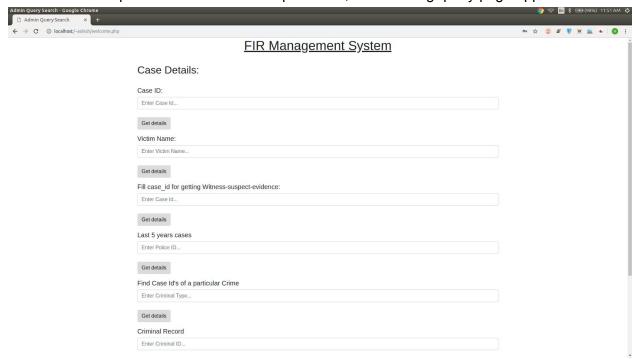
Front page-

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

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

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. <u>Victim :</u>
   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 addtion 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