**ONLINE FIR REGISTRATION AND MANAGEMENT SYSTEM**

**INDEX**

1. Introduction and Objectives of the project
2. Project category
3. Analysis (DFD’s and ER Diagram)
4. The complete structure of the program
   1. The number of modules and its description
   2. Database Structures(tables etc) of all modules
5. Tools/Platform, hardware and software requirement specification
6. Security management
7. Scope of the application

INTRODUCTION

The crime rate is increasing at an alarming rate and there are no existing technical systems in our country for the purpose of registering a case and managing the activities related to the FIR. We intend to create a project which will help bridge the gap between the police department and the common man.

* ‘Online FIR Registration and Management System’ is a web-based application. This software provides the facility for reporting online crimes, complaints, missing persons, show most wanted person details, show snatchers, show unidentified dead bodies, stolen vehicles as well as messaging.
* Any Number of clients can connect to the server. Each user first makes their login to sever to show their availability. The server can be any Web Server.
* The Online FIR Registration and Management project is to provide all crime management solutions which are easily accessible to everyone. The FIR application starts with the common people who want to log a complaint through the website so it can be very useful for the police department to find out the problem in the society without people are coming to the police station every time.

OBJECTIVES

The objective is to build an effective FIR registration system which will have various sections and a proper notification system once an action has been taken.

* To have a robust authentication and registration system for users. Authentication would include scanning of valid documents so that there would not be any false cases registered by mischief mongers.
* To ensure early FIR registration of accident and assault victims so that that early treatment can be given to the victims, thus helping in saving lives.
* To build a system that is compact as well as efficient. One of the objectives is to build a database that will be properly integrated with the server and will hold all the details of the criminals.
* The software is made to work efficiently and effectively. It results in regular and timely action against crime reported. It can be observed that the information can be obtained easily and accurately.
* The product provides a framework within which a user can easily work with. That was our next objective. We know users are of many categories, like users who know how to work with computers very well to users who didn’t know about computers. So all the categories can use the software. So it should be user-friendly.

PROJECT CATEGORY AND NEED

The project ‘Online FIR Registration and Management System’ comes under the Relational Database Management System (RDBMS).

The reason why web-based software was developed are as follow:

* No need to go to the police station for lodging the FIR.
* Tracking the status made easy.
* Ensure data accuracy.
* Provide security.
* Greater efficiency and better service.
* User-friendly and interactive.
* Provide security.
* Proper control of the higher officials.
* Online backup.

MODULES

ADMIN MODULE:

The module helps the admin in the following ways:

* Viewing and analyzing user complaint.
* Changing complaint status.
* Viewing and deleting users feedback

USER MODULE:

The module helps the user in the following ways:

* Add online complaints.
* Check complaint status.
* Ask questions.
* Give feedback.
* Edit complain.
* Viewing previously lodged complains.
* Logging in.

VIEWER MODULE:

The module helps the viewer in the following ways:

* View FAQ.
* View reviews.
* View helpline and safety tips.
* Signing up option.

DATA FLOW DIAGRAM

The data flow diagram enables the software engineer to develop models of the information domain and functional domain at the same time. As the DFD is defined into greater level of details, the analyst performs as implicit functional decomposition of the system, thereby accomplishing the fourth operational analysis principle for functions. At the same time, the DFD refinement results in a corresponding refinement of data as it moves through the processes that embody the application.

* LEVEL – 0

ADMINISTRATOR

USER

* LEVEL - 1 DFD (USER MODULE):

User Details

USER

Username and Password

Username and Password

USER

Verify

File Complain

COMPLAINTS

* LEVEL 1 DFD (ADMIN MODULE):

VIEW COMPLAINTS

VIEW USER DETAILS

USERNAME AND PASSWORD

COMPLAINTS

USER

ADMINISTRATOR

* LEVEL 2 DFD:

USER

ADMINISTRATOR

VERIFY

USERNAME PASSWORD

ADMIN

VERIFY

USERNAME PASSWORD

GIVE DETAILS

USER

COMPLAIN

ER DIAGRAM

FILES

M

N

M

N

SOLVES

ADMINISTRATOR

COMPLAINT

USER

SCHEMA

USER(uid, First\_name, Last\_name, Pincode, Address, Phone, Aadhar, Password, Email).

ADMINISTRATOR(a\_Id, a\_Username, a\_Password,nps).

COMPLAINT(c\_Id, Status, Subject, Documents, Details, Date, NPS, Type).

FILES(uid, c\_Id ).

SOLVES(a\_Id, c\_Id,nps).

DATABASE STRUCTURE

1. USER SIGNUP

|  |  |
| --- | --- |
| NAME | TYPE |
| Uid | Int(11) (Auto-Increment PrimaryKey) |
| First\_name | Varchar(20) |
| Last\_name | Varchar(20) |
| Pincode | Int(6) |
| Password | Varchar(10) |
| Email | Varchar(30) |
| Address | Varchar(40) |
| Phone | Int(10) |
| Aadhar | Int(12) |

1. ADMIN LOGIN

|  |  |
| --- | --- |
| ITEM | NEEDED |
| A\_id | int(30) (Auto-Increment PrimaryKey) |
| A\_username | varchar(20) |
| A\_password | varchar(20) |
| nps | Text (PrimaryKey) |

1. ABOUT FIR

|  |  |
| --- | --- |
| NAME | TYPE |
| C\_id | int(11) |
| Uid | int(11) |
| Status | varchar(20) |
| Subject | varchar(20) |
| Documents | 3 |
| Date | 2 |
| Nps | 2 colors |
| Type | 1 pair |
| Details |  |

REQUIREMENT SPECIFICATIONS

HARDWARE REQUIREMENTS:

SOFTWARE REQUIREMENTS:

TOOLS AND TECHNOLOGY:

PLATFORM: