

**1. Introduction about the project**

The project titled as “Online Crimefile Management “is a console based application. This software provides facility for reporting online crimes, complaints, missing persons, show mostwanted person details Any Number of clients can connect to the server. Each user first makes their login to sever to show their availability. I use jar files for enable the JDBC facilities.The main modules in this project

**Modules**

* Visitors
* Registered Users
* Administrator

**The visitor module include,**

* View Hotnews: This module help the visitor to see the latest hotnews, which can updated by the admin.

**The registered user module includes,**

* Add Complaint: This module help the user to report online complaints.
* Add Crime report: This module help the user to report online crimes.
* View Mostwanted persons: This module help the user to view all mostwanted persons which can be given by the administrator.
* Edit Complaint: This module help the user to edit his complaint details.
* Edit Account: This module helps the user to update his or her profile..
* View crime status: This module allows us to view the status of the all crimes that you have posted earlier.
* view mostwanted persons: This module helps the amin to add, delete and view mostwanted person details
* view Criminal list: This module helps the amin to add and view criminal registrations
* Add and View feedback: This module helps the user to add and view feedback

**The administrator module includes,**

* View and reply user complaint: This module helps the admin to view and reply user’s complaint details
* New admin: This module used for add new admin
* Add and delete latest hot news: This module helps the admin to add and delete latest hotnews.
* View and delete user’s feedback: This module helps the amin to add and delete user’s feedback
* Add, delete and view mostwanted persons: This module helps the amin to add, delete and view mostwanted person details
* Add and view Criminal registeration: This module helps the amin to add and view criminal registrations
* Add and view FIR: This module helps the amin to add and view Fir reports
* Change password: This module helps the amin to update his or her password

**tables structure**

**Table Name: User Registration**

|  |  |  |  |
| --- | --- | --- | --- |
| **Fieldname** | **Data Type** | **Length** | **Key** |
| Name | Varchar | 20 | - |
| Username | Varchar | 20 | Primary key |
| Password | Varchar | 20 | - |
| Secret question | Varchar | 50 | - |
| Answer | Varchar | 50 | - |
| Address | Varchar | 50 | - |
| Pincode | Integer | 9 | - |
| Phone | Integer | 10 | - |
| Email | Varchar | 30 | - |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**Table Name: Crime Report**

|  |  |  |  |
| --- | --- | --- | --- |
| **Fieldname** | **Data Type** | **Length** | **Key** |
| Crime no | Varchar | 15 | Primary Key |
| Userid | Varchar | 15 | - |
| Name of informant | Varchar | 15 | - |
| Details of suspect | Varchar | 15 | - |
| Description | Varchar | 15 | - |
| Datec | Date | - | - |

**Table Name: Admin Registration**

|  |  |  |  |
| --- | --- | --- | --- |
| Fieldname | Data Type | Length | Key |
| Username | Varchar | 20 | Primary key |
| Password | Varchar | 20 | - |
| Confirm password | Varchar | 20 | - |
| Secret question | Varchar | 50 | - |
| Answer | Varchar | 50 | - |
| Name | Varchar | 20 | - |
| Designation | Varchar | 20 | - |
| Official Address | Varchar | 25 | - |
| Phone | Integer | 11 | - |
| Residential Address | Varchar | 25 | - |
| Pincode | Integer | 10 | - |
| Phone | Integer | 10 | - |
| Email | Varchar | 30 | - |

**Table Name: Criminal Register**

|  |  |  |  |
| --- | --- | --- | --- |
| **Fieldname** | **Data Type** | **Length** | **Key** |
| Criminalno | Varchar | 10 | Primary key |
| Name | Varchar | 15 | - |
| Nickname | Varchar | 15 | - |
| Age | Varchar | 10 | - |
| Occupation | Varchar | 15 | - |
| Crimetype | Varchar | 15 | - |
| Address | Varchar | 15 | - |
| Mostyes | Varchar | 15 | - |
| Mostno | Varchar | 15 | - |

**Table Name: FIR**

|  |  |  |  |
| --- | --- | --- | --- |
| **Fieldname** | **Data Type** | **Length** | **Key** |
| District | Varchar | 10 | - |
| Datc | Date | 10 | - |
| Time | Varchar | 15 | - |
| Typeofinformation | Varchar | 10 | - |
| Placeofoccurence | Varchar | 15 | - |
| Foreignlocal | Varchar | 15 | - |
| Act | Varchar | 10 | - |
| Firno | Varchar | 10 | - |
| Section | Varchar | 10 | - |
| Diaryrefno | Varchar | 15 | - |
| Informantadd | Varchar | 15 | - |
| Passportno | Varchar | 10 | - |
| Complaintno | Varchar | 10 | - |
| Police | Varchar | 10 | - |
| Receivedtime | Varchar | 10 | - |
| Informationrec | Varchar | 10 | - |
|  |  |  | - |

**Table Name:** **Feedback**

|  |  |  |  |
| --- | --- | --- | --- |
| **Fieldname** | **Data Type** | **Length** | **Key** |
| Name | Varchar | 15 | - |
| Email | Varchar | 25 | - |
| Message | Varchar | 30 | - |

**Data Flow Diagram**

**Context flow diagram**

User

Administrator

UserID, Complaints

Complaint Management

Solutions, Feedback

**Level 1 DFD- Administrator**

Add FIR Reports

Add mortem analysis

View Complaints

View user details

View Feedback

User name, Password

Administrator

User

Registration details

Complaints

Feedback

Add Solutions

FIR

Mortem Details

**Level 2 DFD- Administrator**

View Reports

Add Reports

FIR No: Details

FIR Details

Complaint Details

Complaints

FIR

Reports

Administrator

User

**Level 1 DFD- User**

Verify

Complaints

Username/Password

Registration

Login

Complaints

Username/Password

User

**Level 2 DFD- User**

Solutions

Complaint Details

Complaint Status

Complaint ID

User name Password

User

Complaint

Feedback

Complaint Status