

**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.
* Add Missing person: This module help the user to report online missing persons details.
* View Missing persons: This module help the user to view all the missing person details.
* 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 help the user to update his or her profile.
* View complaint status: This module allows us to view the status of all complaint that you have posted earlier.
* View crime status: This module allows us to view the status of the all crimes that you have posted earlier.
* Add and View feedback: This module helps the user to add and view feedbacks
* Chat: This module help the user to chat with the administrator or with other registered users
* Mail: This module helps the user to send mail to the administrator.

**The administrator module includes,**

* View and reply user complaint: This module helps the admin to view and reply user’s complaint details
* View and reply user crimes: This module helps the admin to view and reply user’s crimes details
* New admin: This module used for add new admin
* Add and delete latest hotnews: 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, delete and view missing persons: This module helps the amin to add, delete and view missing 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
* Add and view history sheet: This module helps the amin to add and view history reports
* View and delete all complaint reply: This module helps the amin to view and delete complaint reply.
* Add and view prisoner report: This module helps the amin to add and prisoner reports
* Change password: This module helps the amin to update his or her password

**The administrator module includes,**

* View and reply user complaint: This module helps the admin to view and reply user’s complaint details
* View and reply user crimes: This module helps the admin to view and reply user’s crimes details
* New admin: This module used for add new admin
* Add and delete latest hotnews: 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, delete and view missing persons: This module helps the amin to add, delete and view missing 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
* Add and view history sheet: This module helps the amin to add and view history reports
* View and delete all complaint reply: This module helps the amin to view and delete complaint reply.
* Add and view prisoner report: This module helps the amin to add and prisoner reports
* Change password: This module helps the amin to update his or her password
* Chat: This module help the admin to chat with the administrator or with other registered users
* Mail: This module helps the user to send mail to the user.

**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: Complaint registration**

|  |  |  |  |
| --- | --- | --- | --- |
| **Fieldname** | **Data Type** | **Length** | **Key** |
| Complaintno | Varchar | 10 | - |
| Userid | Varchar | 15 | Primary key |
| Details of suspect | Varchar | 20 | - |
| Description | Varchar | 25 | - |
| Datc | Date | - | - |
| Type of crime | Varchar | 10 | - |
| Others | Varchar | 15 | - |

**Table Name: Prisoners Register**

|  |  |  |  |
| --- | --- | --- | --- |
| **Fieldname** | **Data Type** | **Length** | **Key** |
| Prisonerno | Varchar | 10 | Primary Key |
| Chargesheetno | Varchar | 15 | - |
| Nickname | Varchar | 15 | - |
| Typeofcrime | Varchar | 15 | - |
| Civil | Varchar | 10 | - |
| Familymembers | Varchar | 20 | - |
| Identificationmarks | Varchar | 25 | - |
| Height | Varchar | 15 | - |
| Weight | Varchar | 15 | - |
| Colour | Varchar | 10 | - |

**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:** **History sheet**

|  |  |  |  |
| --- | --- | --- | --- |
| **Fieldname** | **Data Type** | **Length** | **Key** |
| Prisoner | Varchar | 15 | Primary Key |
| Crimeno | Varchar | 10 | - |
| Type of crime | Varchar | 15 | - |
| Date of occurrence | Varchar | 10 | - |
| Place of occurrence | Varchar | 15 | - |
| Brief of case | Varchar | 10 | - |

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

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

**Table Name: Crime status**

|  |  |  |  |
| --- | --- | --- | --- |
| **Fieldname** | **Data Type** | **Length** | **Key** |
| Crimeno | Varchar | 10 | Primary Key |
| Viewstatus | Varchar | 20 | - |

**Table Name: Complaint status**

|  |  |  |  |
| --- | --- | --- | --- |
| **Fieldname** | **Data Type** | **Length** | **Key** |
| Complaintno | Varchar | 10 | Primary Key |
| Viewstatus | Varchar | 20 | - |

**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 | - |
| Distancefrompolst | Varchar | 10 | - |

**Table Name: Most wanted**

|  |  |  |  |
| --- | --- | --- | --- |
| **Fieldname** | **Data Type** | **Length** | **Key** |
| Name | Varchar | 10 | - |
| Age | Varchar | 10 | - |
| Address | Varchar | 15 | - |
| Typeofcrime | Varchar | 10 | - |
| Complexion | Varchar | 10 | - |
| Hair | Varchar | 15 | - |
| Built | Varchar | 20 | - |
| Passportno | Varchar | 12 | - |
| Casedescription | Varchar | 12 | - |

**Table Name: Missing person**

|  |  |  |  |
| --- | --- | --- | --- |
| **Fieldname** | **Data Type** | **Length** | **Key** |
| FIRno | Varchar | 10 | Primary Key |
| district | Varchar | 10 | - |
| Nameofpolicestation | Varchar | 10 | - |
| Datem | Date | - | - |
| Dater | Date | - | - |
| Sex | Varchar | 4 | - |
| Age | Varchar | 6 | - |
| Complex | Varchar | 10 | - |
| Height | Varchar | 5 | - |
| Fat | Varchar | 10 | - |
| Idmark | Varchar | 10 | - |
| Apparels | Varchar | 15 | - |
| Namaddr | Varchar | 15 | - |
| Bc | Varchar | 14 | - |

**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

Mortem details

Reports

Administrator

User

Mortem Details

**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