**Outline of Project**

1. Complainer file FIR online &​ View FIR status.​

2. Complainer apply for verification form of their worker.​

3.Maintain Criminal records.​

* Shows criminal Punishment.
* Shows criminal crime Records.
* Shows Current Status of Criminal (e.g. Bail or in Jail)

4.Maintain Crime Records.​

* Maintain Crime Evidence
* Maintain Crime Suspect
* Maintain Crime Victim

5.Show wanted Criminal information.​

6.Shows missing people information​.

7.Police can approve Verification Form.

8.Police can Manage Prison.

9.Police can approve the complainer.

**3 User**

Police

Complainer

Guest

**Store Procedure**

1. Prison wise Prisoner Detail.
2. Current Status of Prisoner.
3. View the status of FIR and Complainer.
4. View Status of Application from.
5. Police station wise police information.
6. Area wise total crime.

Police Station wise, crime wise total crime

**1.PoliceRole**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Datatype** | **Constraint** | **Description** |
| RoleID | Bigint | Primary Key IDENTITY (1,1) | Role ID |
| RoleName | Varchar(50) NOT NULL | Not Null | Role Name |

**2.Addresses**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Datatype** | **Constraint** | **Description** |
| AddressId | Bigint | Primary Key IDENTITY (1,1) | AddressID |
| AddressLine1 | Varchar(100) | Not Null | AddressLine1. |
| AddressLine2 | Varchar(100) | Not Null | AddressLine2 |
| ZipCode | Int | Not Null | ZipCode |
| City | Varchar(50) | Not Null | City |
| State | Varchar(50) | Not Null | State |
| Country | Varchar(50) | Not Null | Country |

**3.Contact**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Datatype** | **Constraint** | **Description** |
| ContactID | bigint | Primary Key IDENTITY (1,1) | Contact Primary Key |
| Contact Number | bigint | Not null | Contact Number |
| Contact Email | Varchar(70) | Not null | Person Contact Email |

**4.Person**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Datatype** | **Constraint** | **Description** |
| PersonID | Bigint | Primary Key IDENTITY (1,1) | Person Primary Key |
| FirstName | Varchar(50) | Not null | Person First Name |
| LastName | Varchar(50) | Not null | Person Last Name |
| DateOfBirth | Date | Not null | Person Date of Birth |
| PersonImage | VarcharBinary(160) | Not null | Person Image |
| Gender | Varchar(20) | Not null | Person Gender |

**5. Document**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Datatype** | **Constraint** | **Description** |
| DocumentID | Bigint | Primary Key IDENTITY (1,1) | Document Proof ID |
| DocumentType | Varchar(70) | Not null | Document Proof Type |
| DocumentImage | VarcharBinary(160) | Not null | Document Proof Image |
| Description | Varchar(100) | Not null | Document Proof Description |
| UploadDateTime | DateTime | Not null | Document Proof Upload DateTime |

**6.Police Station**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Datatype** | **Constraint** | **Description** |
| PoliceStationID | Bigint | Primary Key IDENTITY (1,1) | Station ID |
| Name | Varchar(50) | Not null | Station Name |
| AddressID | Bigint | Foreign Key | This field references AddressID of Address Table |

**7.Police**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Datatype** | **Constraint** | **Description** |
| PoliceID | bigint | Primary Key IDENTITY (1,1) | Police ID Consider as Police Registration Id |
| PoliceStationID | bigint | Foreign Key | This field references StationID of Station Table |
| RoleID | bigint | Foreign Key | This field references RoleID of Role Table |
| PersonID | bigint | Foreign Key | This field references Person ID of Person Table |
| DocumentID | bigint | Foreign Key | This field references Document ID of Person Table |
| ContactID | bigint | Foreign Key | This field references ContactID ID of Contact Table |
| Pwd | Varchar(16) | Nout Null | Police Password |
| AddressID | bigint | Foreign Key | This field references AddressID of Address Table |
| PoliceCardImage | VarcharBinary(250) | Not Null | Police Card Image |

**8.LawAct**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Datatype** | **Constraint** | **Description** |
| LawID | bigint | Primary Key IDENTITY (1,1) | Law Act ID |
| Name | Varchar(50) | Not Null | Law Act Name |
| Description | Varchar(100) | Null | Law Act Description |
| Punishment | Varchar(100) | Not Null | Law Act Punishment |

**9. Crime**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Datatype** | **Constraint** | **Description** |
| CrimeID | bigint | Primary Key IDENTITY (1,1) | Crime ID |
| CrimeTypeID | bigint | Foreign Key | Crime Type ID |
| AddressID | bigint | Foreign Key | This field references AddressID of Address Table |
| CrimeDate | Date | Not Null | Crime Date |
| CrimeTime | DateTime | Not Null | Crime Time |
| Description | Varchar(100) | Not Null | Crime Description |

**10.CrimeType**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Datatype** | **Constraint** | **Description** |
| CrimeTypeID | bigint | Primary Key IDENTITY (1,1) | Crime Type Id |
| CrimeType | Varchar(10) | Not Null | Crime Name |

**11.Crime Image**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Datatype** | **Constraint** | **Description** |
| CrimeImageID | bigint | Primary Key IDENTITY (1,1) | Crime Type Id |
| CrimeID | bigint | Foreign Key | This field references CrimeID of Crime table. |
| CrimeImage | VarcharBinary(250) | Not Null | Crime Scene Image |

**12. CrimeSuspect**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Datatype** | **Constraint** | **Description** |
| CrimeSuspectID | bigint | Primary Key IDENTITY (1,1) | Crime Suspect ID |
| CrimeID | bigint | Foreign Key | This field references CrimeID of Crime table. |
| AddressID | bigint | Foreign Key | This field references PersonID of Person Table |
| PersonID | bigint | Foreign Key | This field references AddressID of Address Table |
| DocumentID | bigint | Foreign Key | This field references DocumentID of Document Table |
| ContactID | bigint | Foreign Key | This field references ContactID ID of Contact Table |

**13.CrimeVictim**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Datatype** | **Constraint** | **Description** |
| CrimeVictimID | bigint | Primary Key IDENTITY (1,1) | Crime Victim ID |
| CrimeID | bigint | Foreign Key | This field references CrimeID of Crime table. |
| ContactID | bigint | Foreign Key | This field references ContactID ID of Contact Table |
| PersonID | bigint | Foreign Key | This field references PersonID of Person Table |
| DocumentID | bigint | Foreign Key | This field references DocumentID of Document Table |
| AddressID | bigint | Foreign Key | This field references AddressID of Address Table |
| Height | Float | Null | Crime Victim Height |
| Weight | Float | Null | Crime Victim Weight |

**14. CrimeEvidence**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Datatype** | **Constraint** | **Description** |
| EvidenceID | bigint | Primary Key IDENTITY (1,1) | Evidence ID |
| CrimeID | bigint | Foreign Key | This field references CrimeID of Crime table. |
| Name | Varchar(50) | Not Null | Evidence Name |
| Description | Varchar(100) | Null | Evidence Descripation |

**15.Criminal**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Datatype** | **Constraint** | **Description** |
| CriminalID | bigint | Primary Key IDENTITY (1,1) | Criminal ID |
| AddressID | bigint | Foreign Key | This field references AddressID of Address Table |
| ContactID | bigint | Foreign Key | This field references ContactID of Contact Table |
| PersonID | bigint | Foreign Key |  |
| DocumentID | bigint | Foreign Key | This field references Document ID of Person Table |
| Height | float | Null | Criminal Height |
| Weight | float | Null | Criminal weight |
| Type | Varchar(20) | Not null | Criminal Type |

**16.Prison**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Datatype** | **Constraint** | **Description** |
| PrisonerID | bigint | Primary Key IDENTITY (1,1) | PrisonID |
| PrisionName | Varchar(20) | Not Null | Prison Name. |
| AddressID | bigint | Foreign Key | This field references AddressID of Address table. |
| PoliceID | bigint | Foreign Key | This field references PoliceID of Address table. |

**17.PrisioningType**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Datatype** | **Constraint** | **Description** |
| PrisioningTypeID | bigint | Primary Key IDENTITY (1,1) | Prisoning Type ID |
| Name | Varchar(50) | Not Null | Prisoning Type Name |

**18.Prisoners**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Datatype** | **Constraint** | **Description** |
| PrisonerID | bigint | Primary Key IDENTITY (1,1) | Criminal Crime ID |
| CrimeID | bigint | Foreign Key | This field references CrimeID of Crime table. |
| CriminalID | bigint | Foreign Key | This field references CriminalID of Criminal table. |
| PrisoningTypeID | bigint | Foreign Key | This field references PrisoningTypeID of PrisioningType table. |
| PrisonID | bigint | Foreign Key | This field references PrisonID of Prision table. |
| LawID | bigint | Foreign Key | This field references LawActID of LawAct table. |
| PrisioningStartDate | Date | Not Null | Prisoning Start Date. |
| PrisioningEndDate | Date | Not Null | Prisoning End Date |
| PrisonStatus | Varchar(20) | Not Null | Prisoning Status(e.g Bail) |

**18.Complainer**

Description:(Person Who File the FRI And Who Apply the Form Verification)

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Datatype** | **Constraint** | **Description** |
| ComplainerID | bigint | Primary Key IDENTITY (1,1) | Complainer Primary Key |
| Pwd | Varchar(15) | Not null | Complainer Password |
| DocumentID | bigint | Foreign Key | This field references Document ID of Person Table |
| AddressID | bigint | Foreign Key | This field references AddressID of Address Table |
| ComplainerImage | VarcharBinary(160) | Not null | Complainer Image |
| ContactID | bigint | Foreign Key | This field references ContactID ID of Contact Table |
| personID | bigint | Foreign Key | This field references personID of Person Table |

**19.Complain**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Datatype** | **Constraint** | **Description** |
| ComplainID | bigint | Primary Key IDENTITY (1,1) | ComplainID ID |
| CrimeID | bigint | Foreign Key | This field references CrimeID of Crime Table |
| ComplainerID | bigint | Foreign Key | This field references ComplainerID of Complainer Table |
| CrimeVictimID | bigint | Foreign Key | This field references CrimeVictimID of CrimeVictim table. |
| EvidenceID | bigint | Foreign Key | This field references EvidenceID of CrimeEvidence table. |
| CrimeSuspectID | bigint | Foreign Key | This field references CrimeSuspectID of CrimeSuspect table. |
| PoliceID | bigint | Foreign Key | This field references PoliceID of Police table. |
| LawID | bigint | Foreign Key | This field references LawActID of LawAct table. |
| Description | Varchar(100) | Null | FIR Description |
| ComplainDateTime | DateTime | Not Null | FIR Date and Time |

**20.FormVerification**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Datatype** | **Constraint** | **Description** |
| FormVerfiactionID | bigint | Primary Key IDENTITY (1,1) | FormVerifiaction ID |
| ComplainerID | bigint | Foreign Key | This field references ComplainerID of Complainer table. |
| PoliceID | bigint | Foreign Key | This field references PoliceID of Police table. |
| WorkerID | bigint | Foreign Key | This field references WorkerID of Worker table. |
| ApplyDate | DateTimr | Not Null | Form Verification Apply Date |
| VerifiedDate | DateTime | Not Null | Form Verification verify Date |
| Status | Varchar(20) | Not Null | Form Verification Status |

**21.Worker**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Datatype** | **Constraint** | **Description** |
| WorkerID | bigint | Primary Key IDENTITY (1,1) | Worker ID |
| DateOfJoining | Date | Not Null | Worker DateOfJoining |
| DateOfResign | Date | Not Null | Worker DateOfResign |
| DocumentID | bigint | Foreign Key | This field references Document ID of Person Table |
| AddressID | bigint | Foreign Key | This field references AddressID of Address Table |
| ContactID | bigint | Foreign Key | This field references ContactID of Contact Table |
| personID | bigint | Foreign Key | This field references personID of Person Table |