PROJECT-TITLE: CRIME RECORD MANAGEMENT SYSTEM

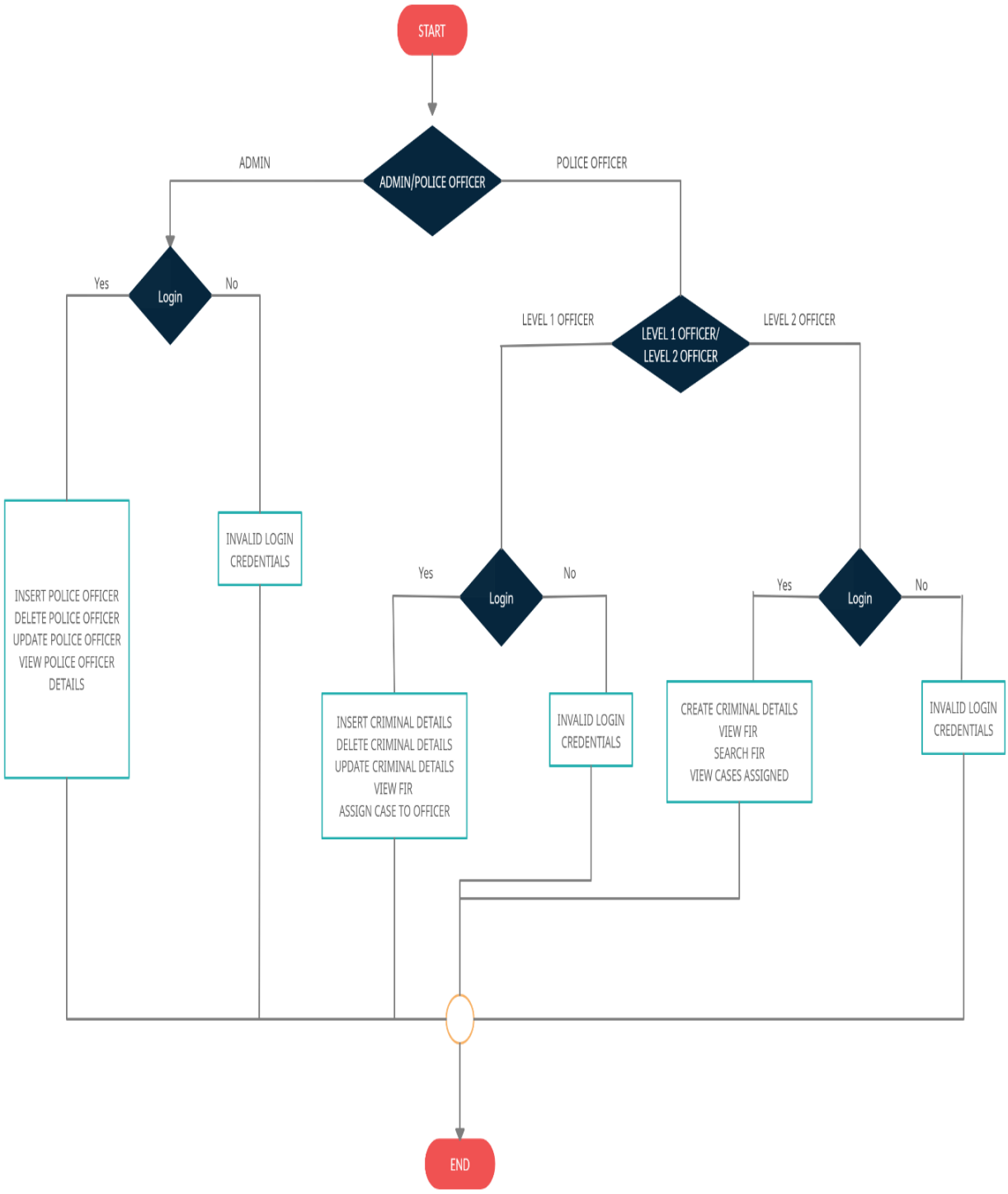
TEAM MEMBERS:

- MENATI VASUDEVA REDDY (19TUCS124)
- KISHORE M L (19TUCS112)
- RAMANI SANKAR S V (19TUCS159)
- RAMACHANDRAN R (19TUCS157)
- PRASAANTH R (19TUCS147)

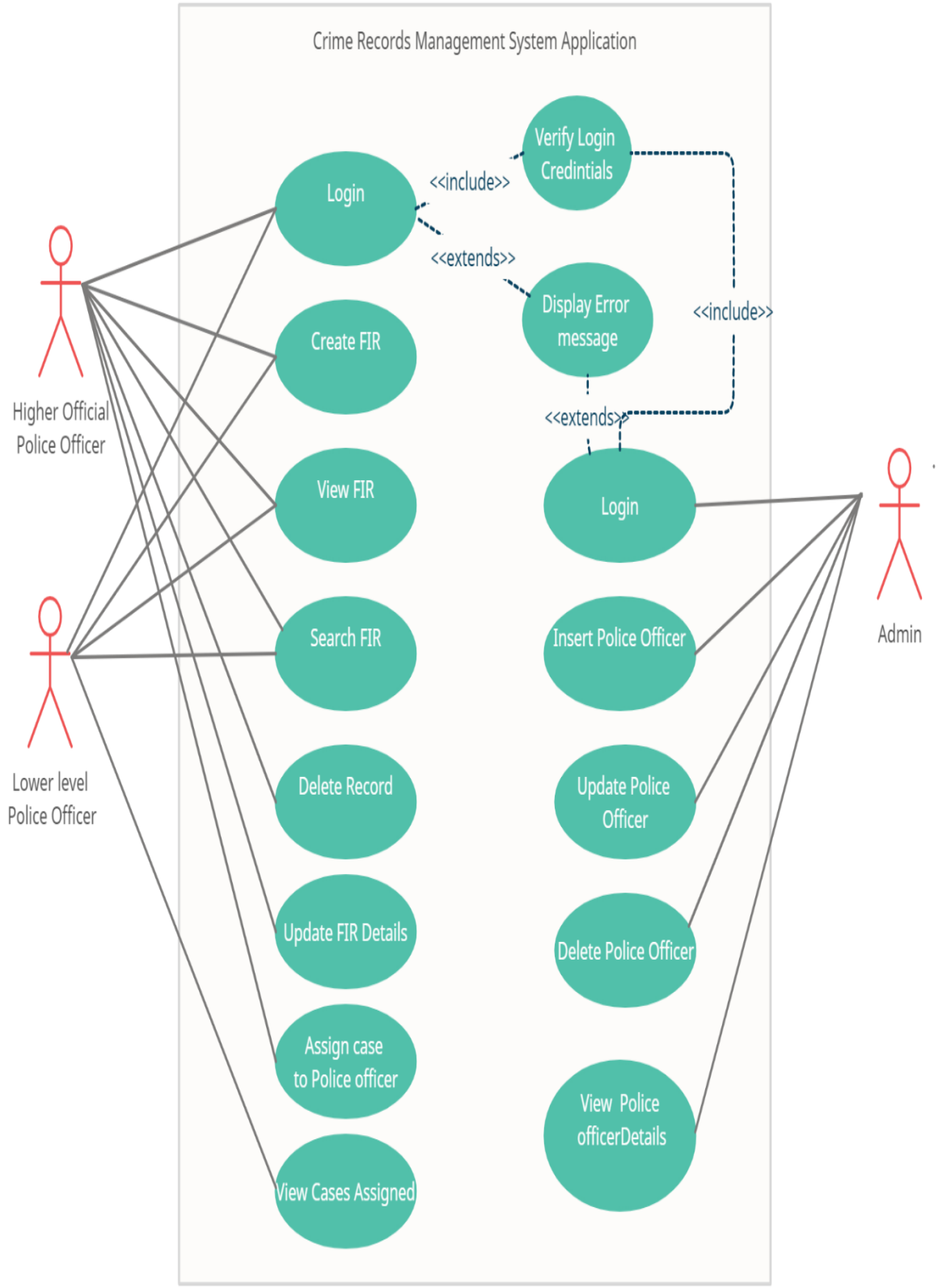
ABSTRACT:

- The project is aimed to develop an application for maintaining crime file records in a computerized way that can be access throughout the police department.
- In this Application we can manage all activities like registration of the complaint, updating information, search of particular files related to crimes that will save time and manpower.
- This Application provides facilities for reporting crimes, complaints, FIR, charge sheet, prisoner records, and show most wanted criminal's details.
- In the existing system, Police usually maintain records manually that can be loss of records and important crimes.
- This Application ensures Transparency and easy to Manage all Records from any Police Station.

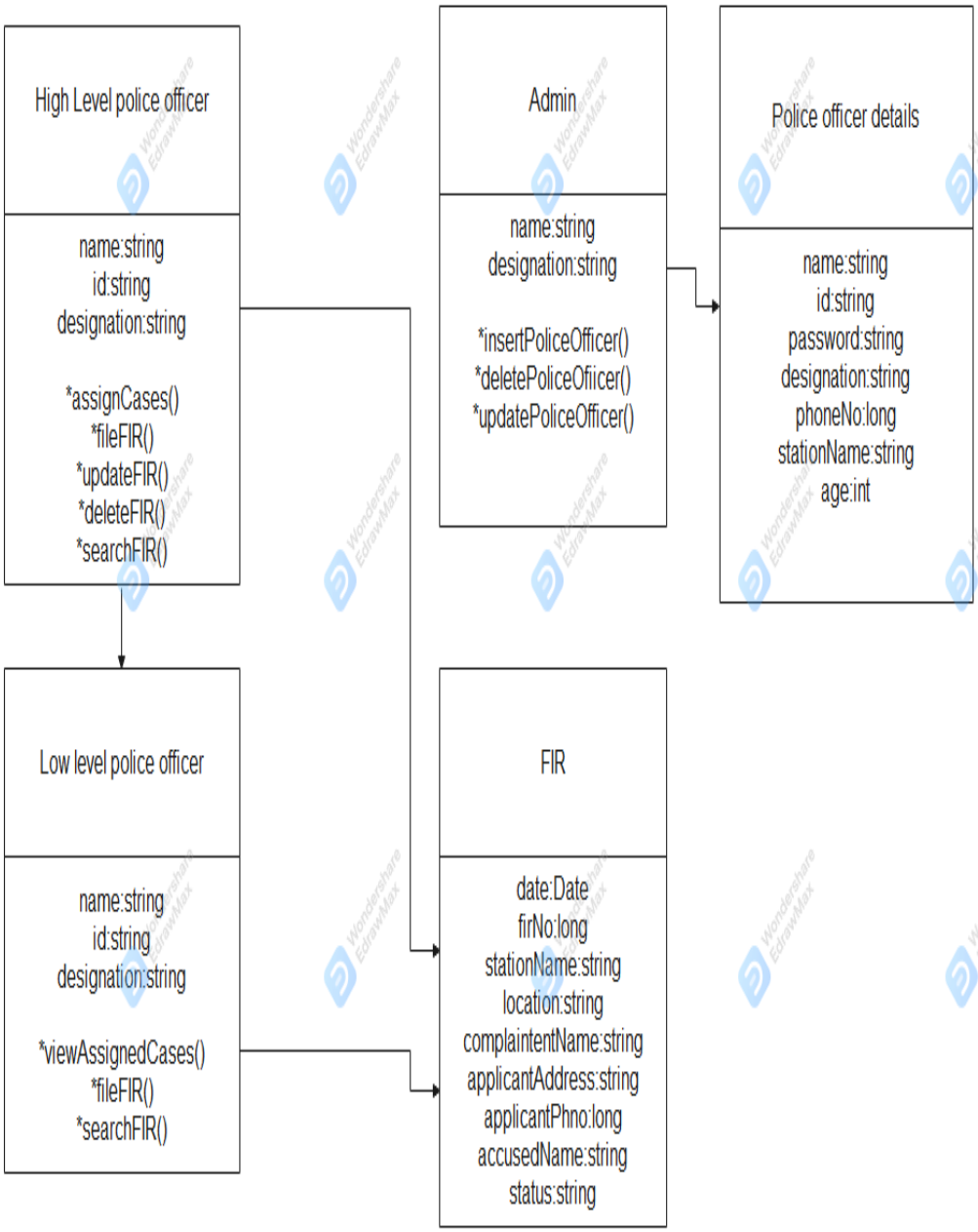
FLOWCHART:


START
ADMIN/POLICE OFFICER
ADMIN
POLICE OFFICER
Login
Yes
No
INSERT POLICE OFFICER
DELETE POLICE OFFICER
UPDATE POLICE OFFICER
VIEW POLICE OFFICER
DETAILS
INVALID LOGIN
CREDENTIALS
LEVEL 1 OFFICER/
LEVEL 2 OFFICER
LEVEL 1 OFFICER
LEVEL 2 OFFICER
Login
Yes
No
INSERT CRIMINAL DETAILS
DELETE CRIMINAL DETAILS
UPDATE CRIMINAL DETAILS
VIEW FIR
ASSIGN CASE TO OFFICER
INVALID LOGIN
CREDENTIALS
Login
Yes
No
CREATE CRIMINAL DETAILS
VIEW FIR
SEARCH FIR
VIEW CASES ASSIGNED
INVALID LOGIN
CREDENTIALS
END

UML DIAGRAM (Use Case Diagram):



CLASS DIAGRAM:-



MODULE DESCRIPTION

The modules involved are:

1.Admin Module

2.Police officer level-1 module

3.Police officer level-2 module

1.ADMIN MODULE

This module contains following operations performed by admin:

1.1 Insert police details

Through this module the admin can add police information which contains Police officer name, id, password, designation, age, phone number, station.

1.2 Delete police details:

In this module the admin can delete police officer details which was inserted.

1.3 Update police details

In this module the admin can update particular data of police officer.

1.4 View police details

Through this module the admin can view all the police officer details which are Stored in the database.

2.HIGHER OFFICIAL POLICE OFFICER MODULE (LEVEL-1 OFFICER)

This module contains following operations performed by higher official officer:

2.1 File an FIR:

Through this module the police officer can enter the crime details such as date, station name, fir number, crime location, name of the accused, name of applicant, phone number of applicant, address of applicant, complaint status into FIR and store it in the database.

2.2 Delete FIR records:

This allows the Higher official police officer to delete the unwanted FIRs filed using the FIR number.

2.3 Update FIR details:

In this service the Higher official police can Update or alter the details of the FIR and close the pending cases.

2.4 View FIR

In this module police officer can view the complete details of all the FIRs Stored in the database.

2.5 Search for FIR

In this module the police officers can search the particular FIR on the Specified Date, FIR Number and location.

2.6 Assign pending cases:

In this module higher official police officer can assign case to lower-level police officer.

3. LOWER-LEVEL POLICE OFFICER MODULE (LEVEL-2 OFFICER)

This module contains following operations performed by lower-level officer:

3.1 File a FIR

Through this module level-1 police officer can insert criminal details such as arrested date, station name, fir number, location at where the criminal was arrested, name of the criminal, name of applicant, phone number of applicant, address of applicant, complaint status.

3.3 View FIR

In this module police officer can view the complete details of all the FIRs Stored in the database.

3.4 Search FIR

In this module the police officers can search the particular FIR on the Specified Date, FIR Number and location.

3.5 View cases assigned:

In this module the lower-level police officer can view assigned cases to him.

WORK SPLITUP:

- ✓ **ADMIN MODULE** – MENATI VASUDEVA REDDY
- ✓ **HIGHER LEVEL POLICE OFFICER MODULE** - KISHORE, PRASAANTH
- ✓ **LOWER-LEVEL POLICE OFFICER MODULE** – RAMANI SANKAR, RAMACHANDRAN
- ✓ **INTEGRATION** - KISHORE
- ✓ **TESTING** - PRASAANTH

OUTPUT SCREENSHOTS:

Tamilnadu Department of Police

Home

Tamilnadu Department of Police

Search by date

Search

Search by FIR ID

Select FIR

Search

Search by Station

Select Station

Search

Tamilnadu Department of Police

Tamilnadu Department of Police

Name of the officer:

Designation:

Current Station:

File FIR | Delete FIR

View Cases | Assign Case

Update FIR | Search

LOGOUT

Tamilnadu Department of Police

Home

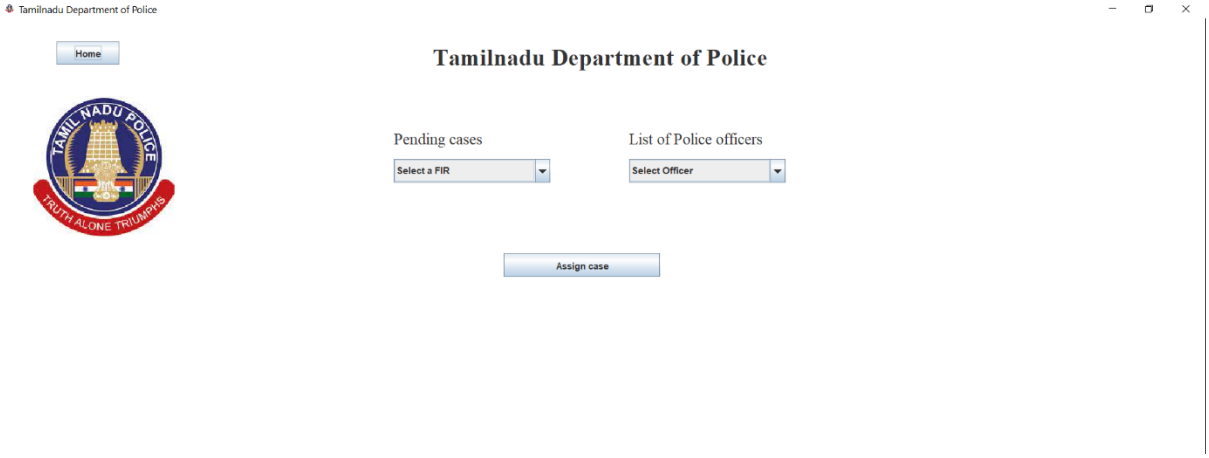
TamilNadu Police Department

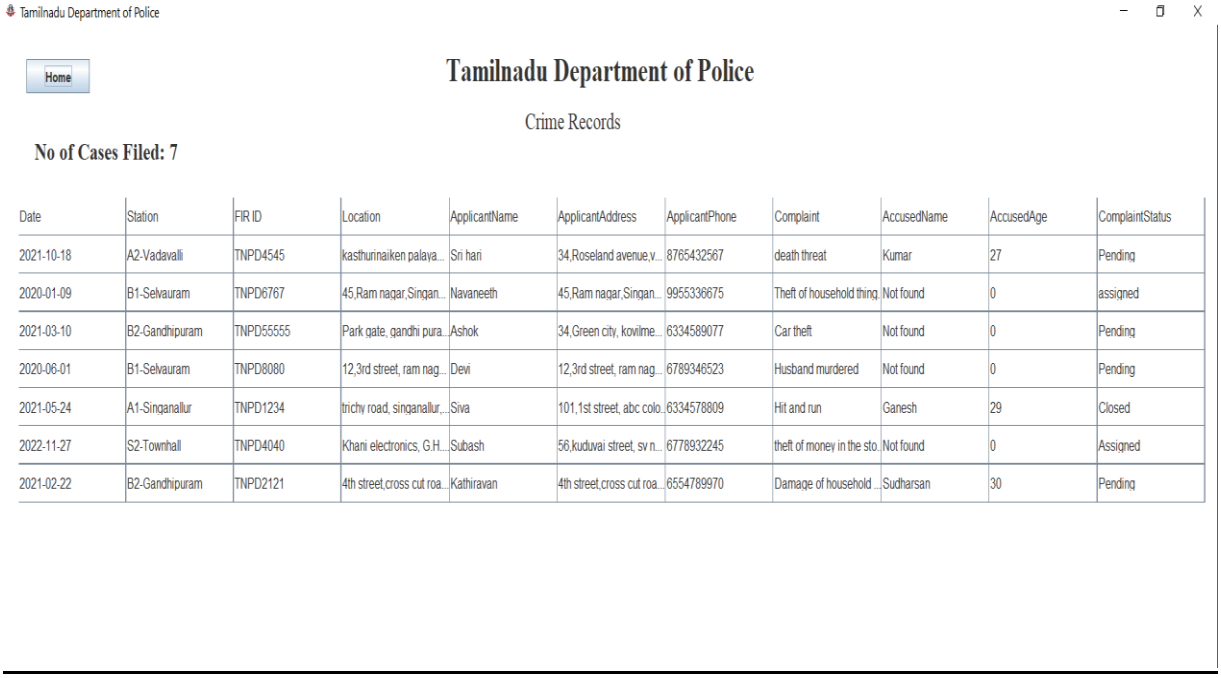
Delete FIR Records

Select a FIR Number to delete

Select a FIR

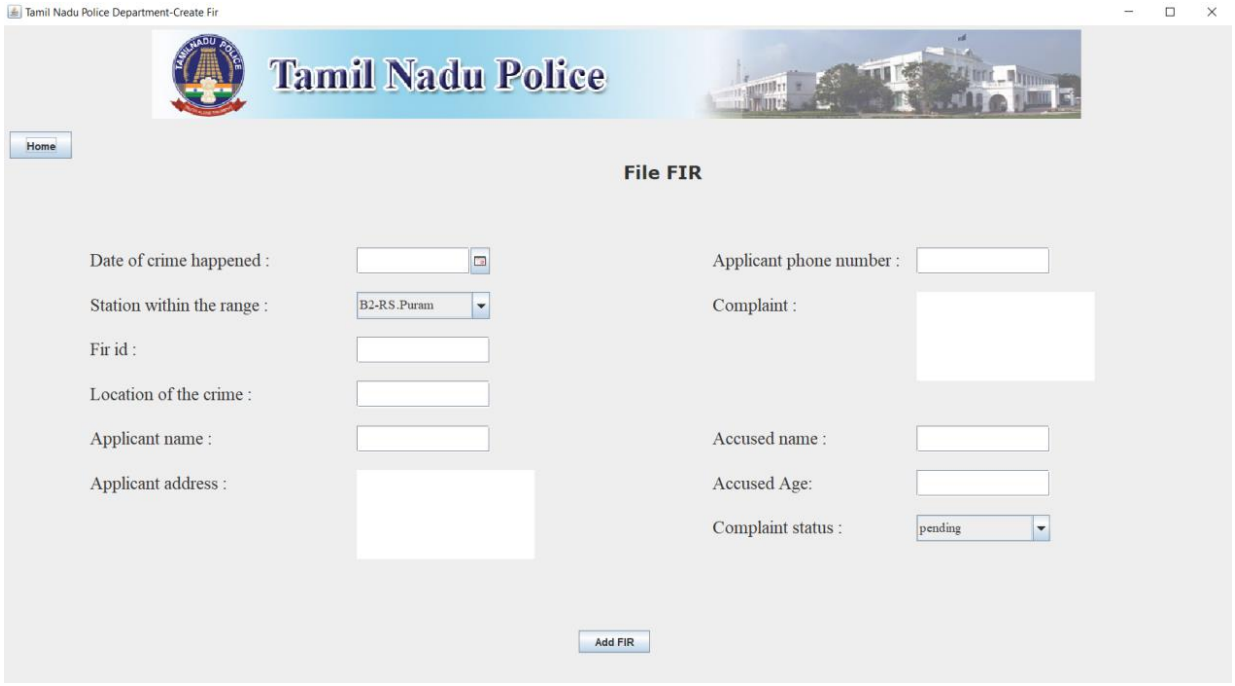
Delete case File

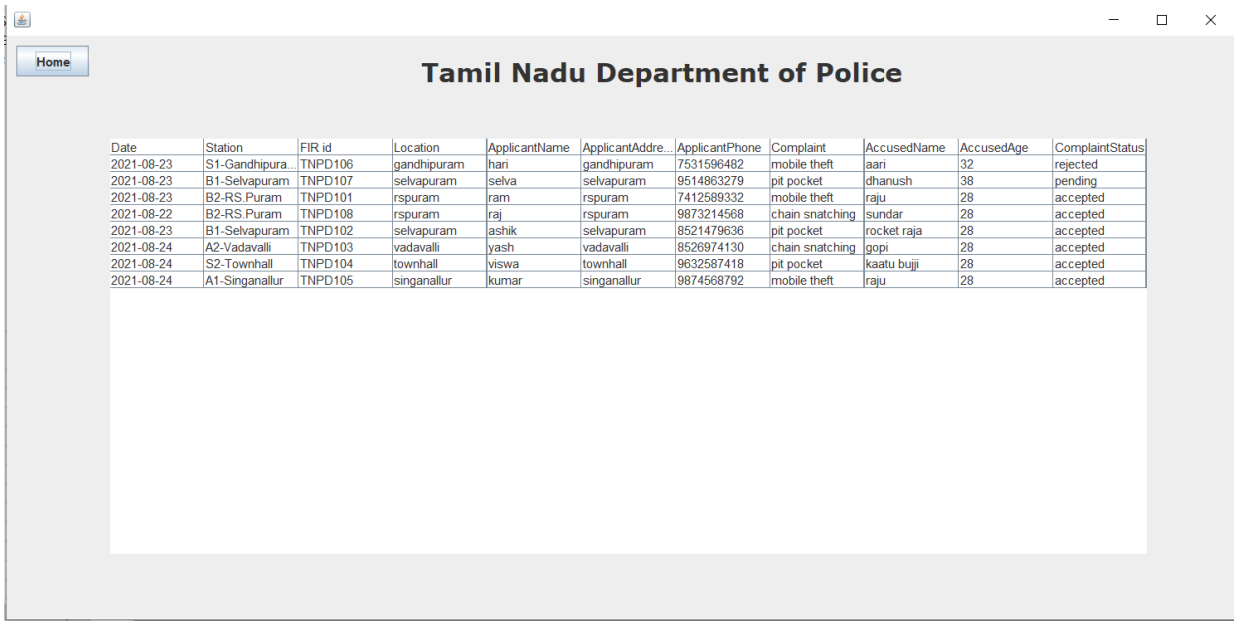




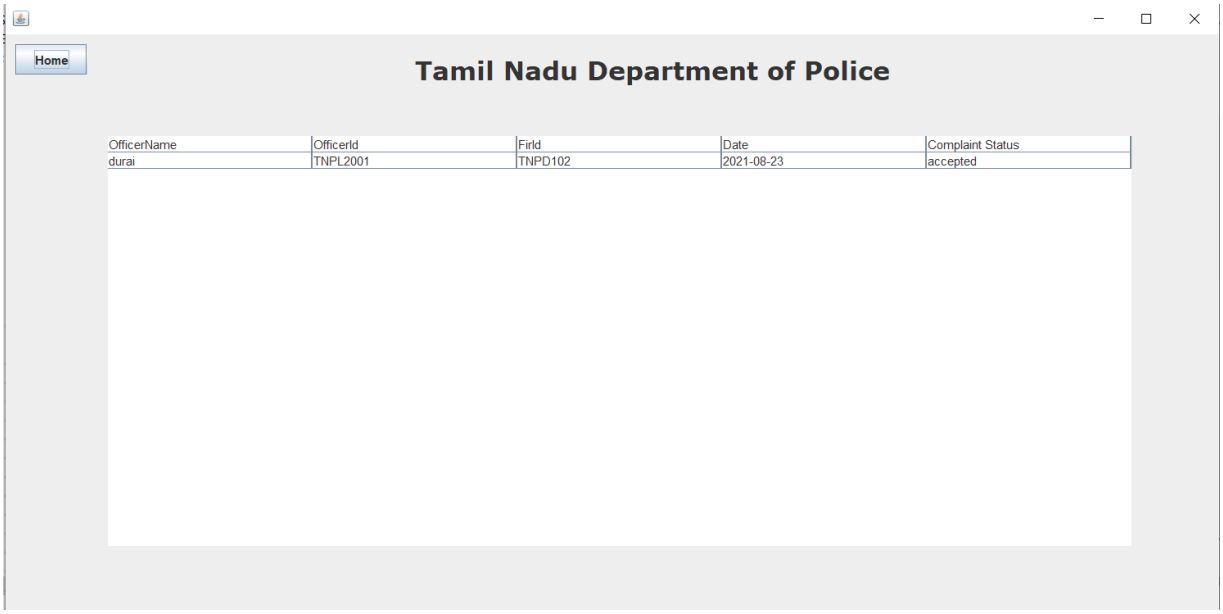
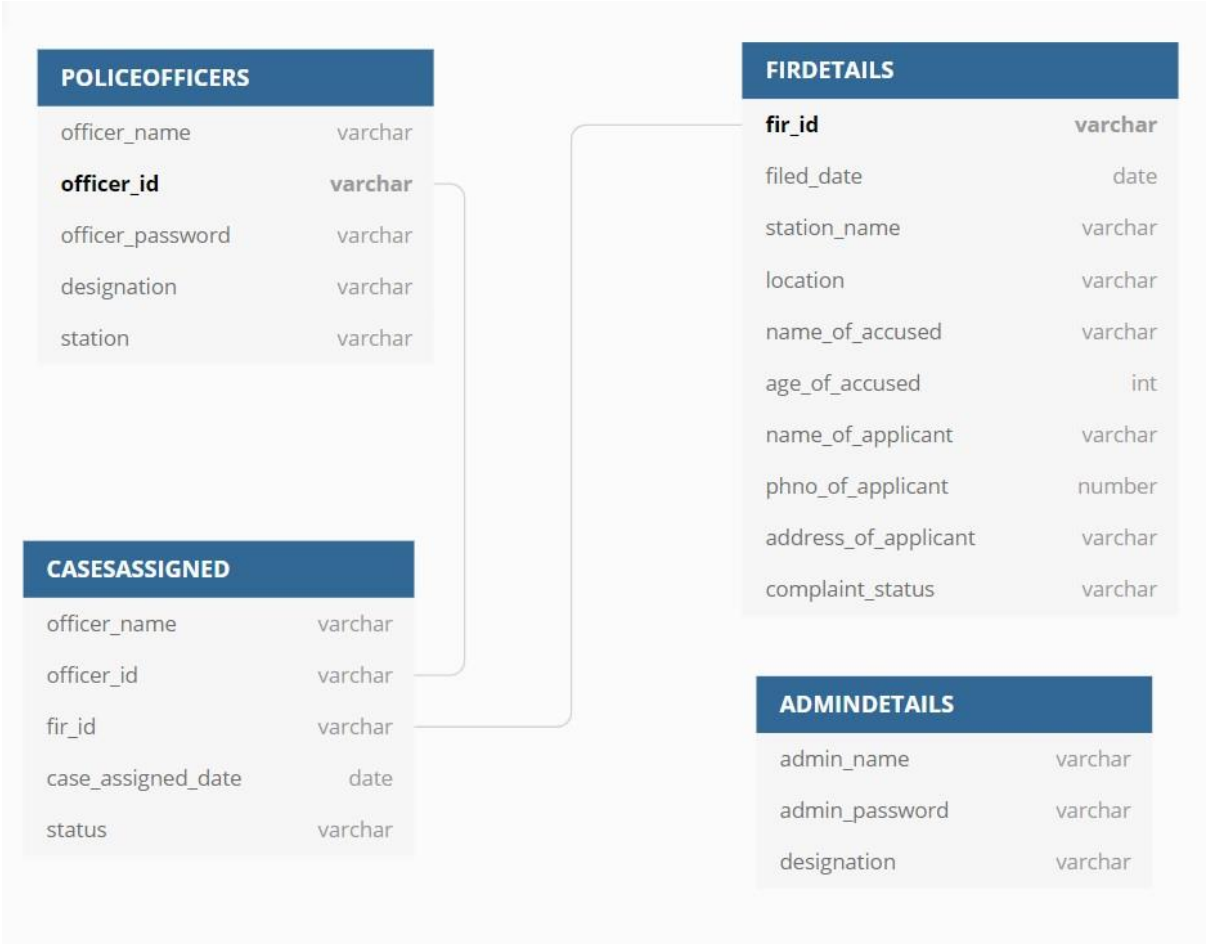
Date	Station	FIR ID	Location	ApplicantName	ApplicantAddress	ApplicantPhone	Complaint	AccusedName	AccusedAge	ComplaintStatus
2021-10-18	A2-Vadavalli	TNPD4545	kasthurinaiken palaya...	Sri hari	34,Roseland avenue,v...	8765432567	death threat	Kumar	27	Pending
2020-01-09	B1-Selvauram	TNPD6767	45,Ram nagar,Singan...	Navaneeth	45,Ram nagar,Singan...	9955336675	Theft of household thing	Not found	0	assigned
2021-03-10	B2-Gandhipuram	TNPD55555	Park gate, gandhi pura...	Ashok	34,Green city, kovilme...	6334589077	Car theft	Not found	0	Pending
2020-06-01	B1-Selvauram	TNPD8080	12,3rd street, ram nag...	Devi	12,3rd street, ram nag...	6789346523	Husband murdered	Not found	0	Pending
2021-05-24	A1-Singanallur	TNPD1234	trichy road, singanallur,...	Siva	101,1st street, abc colo...	6334578809	Hit and run	Ganesh	29	Closed
2022-11-27	S2-Townhall	TNPD4040	Khani electronics, G.H...	Subash	56,kuduvai street, sv n...	6778932245	theft of money in the sto...	Not found	0	Assigned
2021-02-22	B2-Gandhipuram	TNPD2121	4th street,cross cut roa...	Kathiravan	4th street,cross cut roa...	6554789970	Damage of household ...	Sudharsan	30	Pending

LEVEL 2 OFFICER





Date	Station	FIR id	Location	ApplicantName	ApplicantAddre...	ApplicantPhone	Complaint	AccusedName	AccusedAge	ComplaintStatus
2021-08-23	S1-Gandhipura...	TNPD106	gandhipuram	hari	gandhipuram	7531596482	mobile theft	aari	32	rejected
2021-08-23	B1-Selvapuram	TNPD107	selvapuram	selva	selvapuram	9514863279	pit pocket	dhanush	38	pending
2021-08-23	B2-RS.Puram	TNPD101	rspuram	ram	rspuram	7412589332	mobile theft	raju	28	accepted
2021-08-22	B2-RS.Puram	TNPD108	rspuram	raj	rspuram	9873214568	chain snatching	sundar	28	accepted
2021-08-23	B1-Selvapuram	TNPD102	selvapuram	ashik	selvapuram	8521479636	pit pocket	rocket raja	28	accepted
2021-08-24	A2-Vadavalli	TNPD103	vadavalli	yash	vadavalli	8526974130	chain snatching	gopi	28	accepted
2021-08-24	S2-Townhall	TNPD104	townhall	viswa	townhall	9632587418	pit pocket	kaatu bujji	28	accepted
2021-08-24	A1-Singanallur	TNPD105	singanallur	kumar	singanallur	9874568792	mobile theft	raju	28	accepted



DATABASE DESIGN: