



**MADRAS INSTITUTE OF TECHNOLOGY
ANNA UNIVERSITY
DEPARTMENT OF INFORMATION TECHNOLOGY**

**DATABASE MANAGEMENT SYSTEMS LABORATORY
IT5312 REGULATION-2019**

PROJECT TITLE : Police Record Management System

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DEPARTMENT : Department Of Information Technology

SUBJECT CODE : IT5311

SUBJECT TITLE : Database Management Systems Laboratory

POLICE RECORDS MANAGEMENT SYSTEM

PROBLEM STATEMENT:

To develop a database management system for receiving and maintain complaints filed by various complainants, also assigning the desired task force to take care of that case. After the case is solved it is informed to respective complainants.

OBJECTIVES:

The main objective of this project is to design a **Relational DBMS software** that Encloses the following objectives:

- ✚ To reduce the manual work of an individual to file a complaint .
- ✚ To increase the efficiency of managing the various complaints that are yet to be assigned.
- ✚ To manage the details of the complainants, victims, suspects and the police .
- ✚ To monitor the criminal activities and the crime rate in the public territory.
- ✚ To improve the searching facilities as for identifying different criminals assigned with unique criminal records.
- ✚ To edit, add and update and delete the police complaint records to improve the integrity of the files in the department.

INPUT / OUTPUT DATA:

The Police Record Management Database requires the following input data:

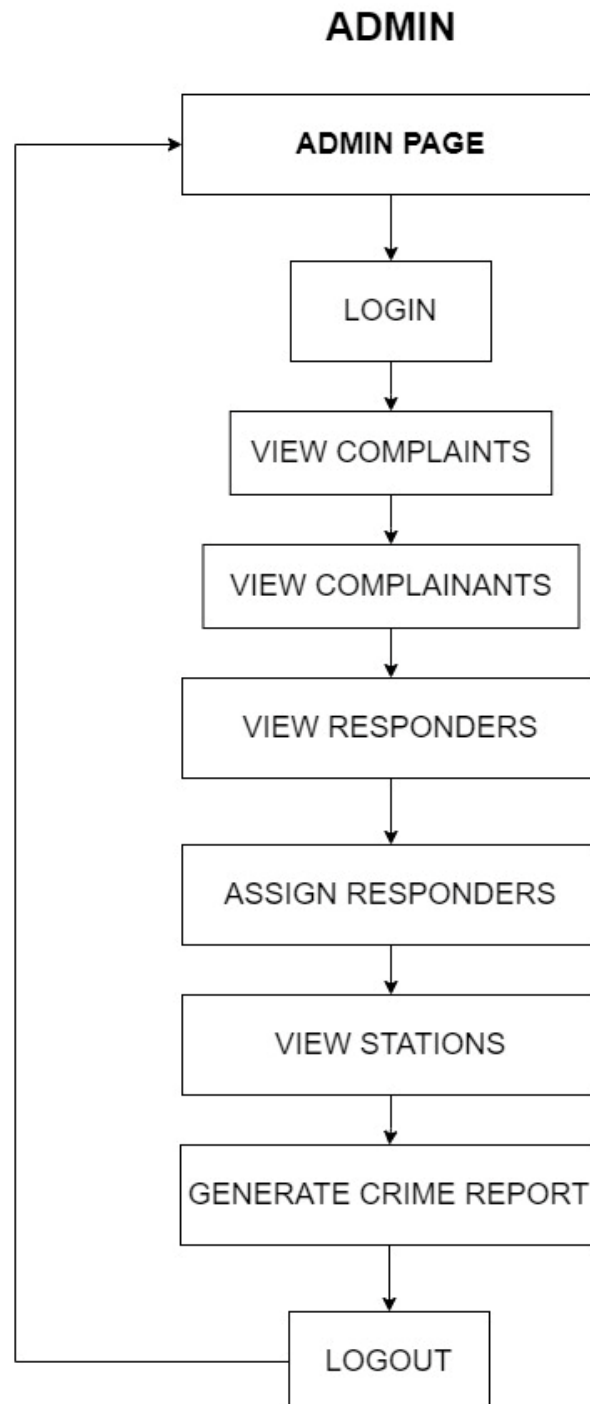
- User(admin/complainant) Information
- Criminal Information
- Information of the incident/issue.

The Police Record Management Database does the following :

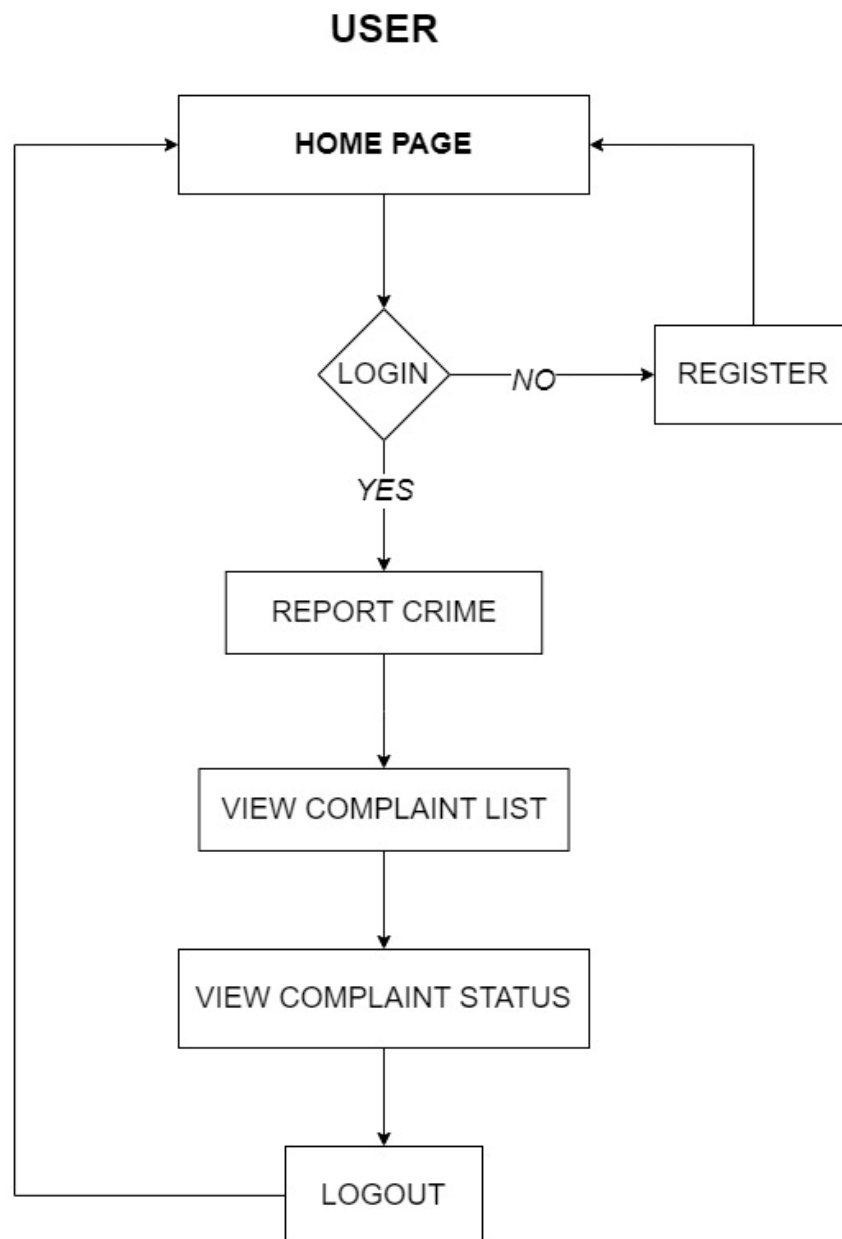
- It receives the complaint and stores the data regarding it in the file.
- A table for cases assigned for different stations is created.

PROCESS FLOW DIAGRAM:

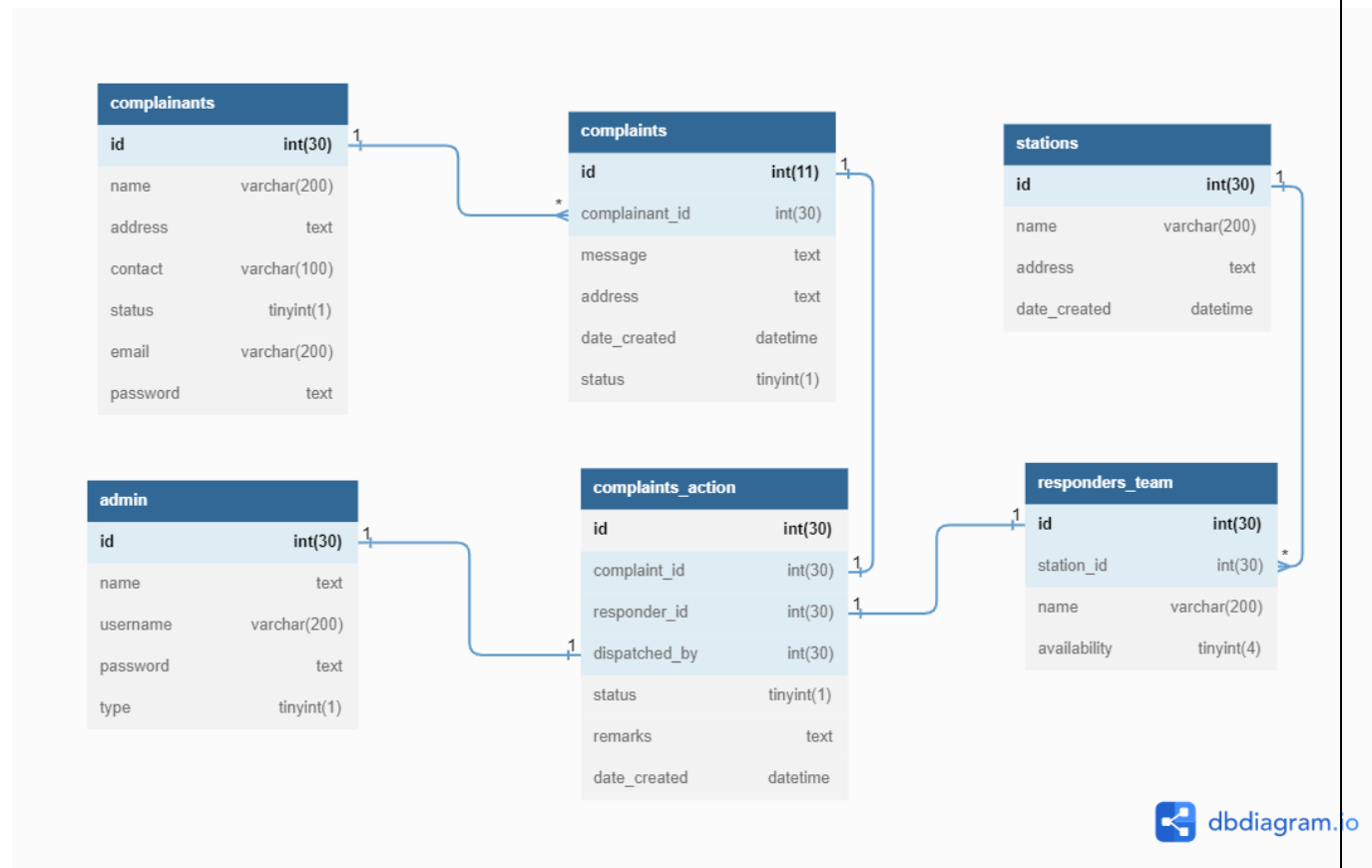
i)Admin Side:



ii)User Side



DATABASE SCHEMA:

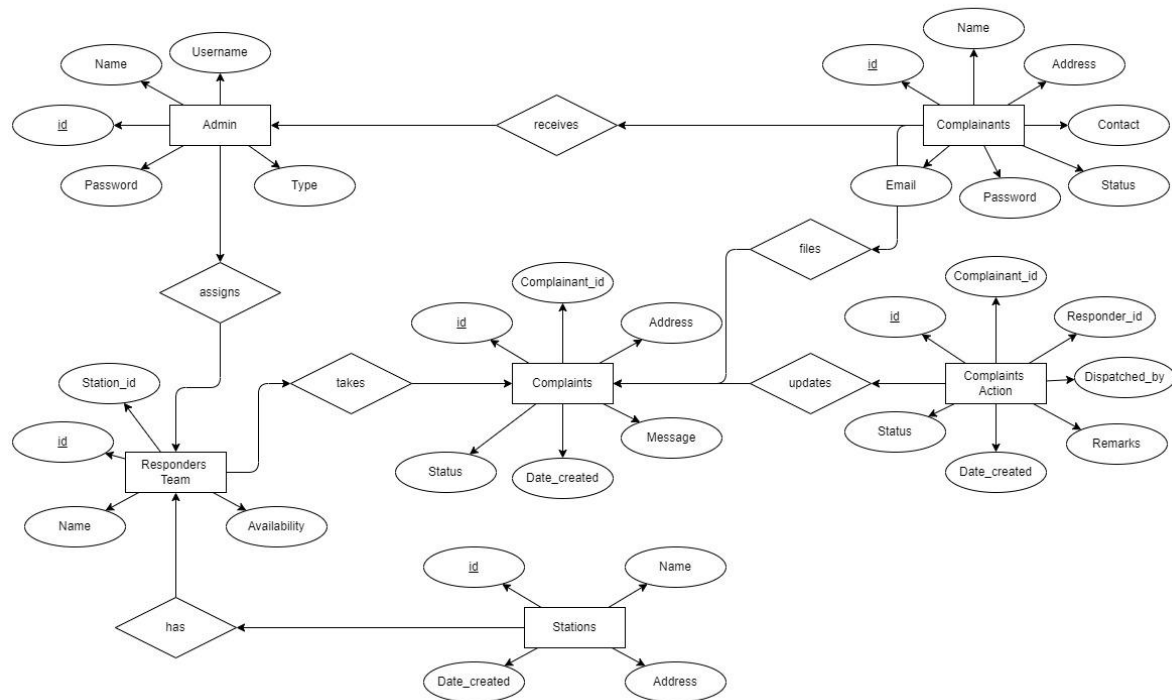


PROGRAMMING LANGUAGES USED:

1. My-SQL
2. PHP- SERVER SCRIPTING
3. WEB PAGE DESIGNING:
 1. HTML
 2. CSS
 3. JAVA SCRIPT

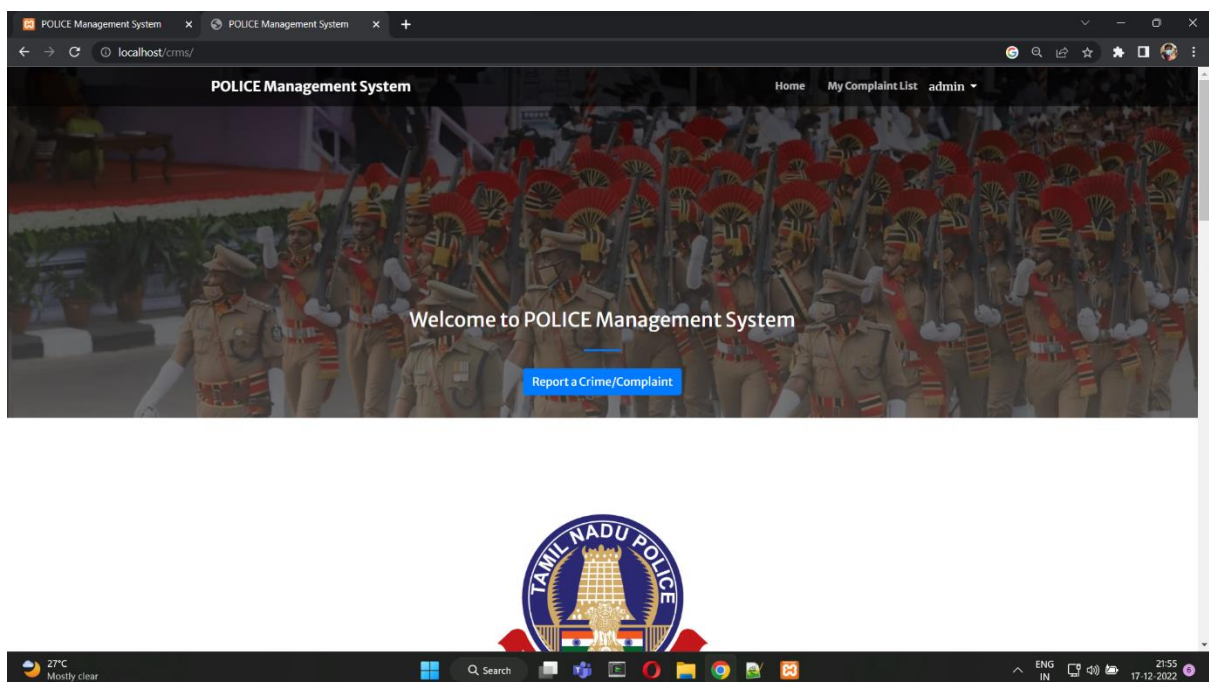
ER DIAGRAM:

POLICE DATABASE MANAGEMENT SYSTEM

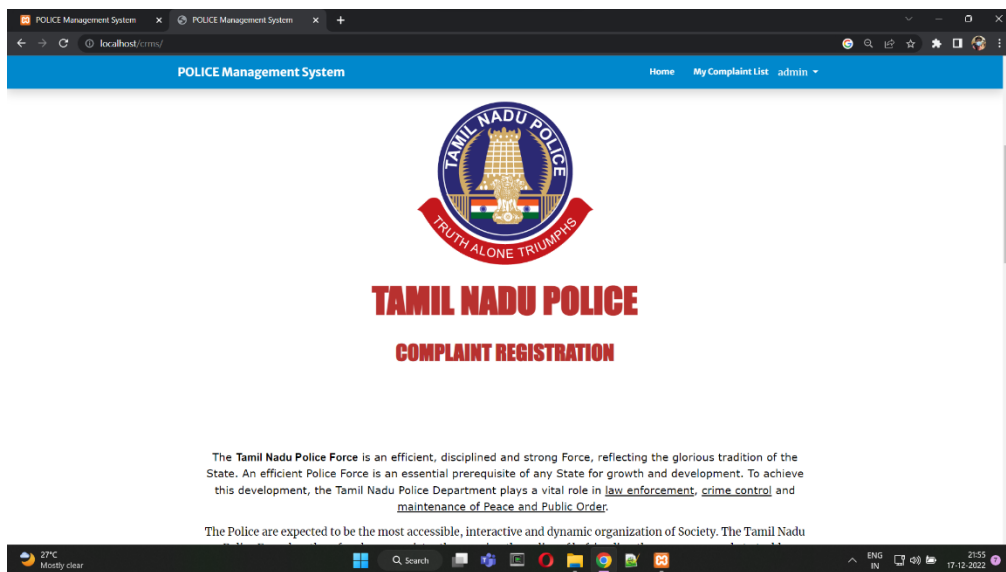


Project output screenshots:

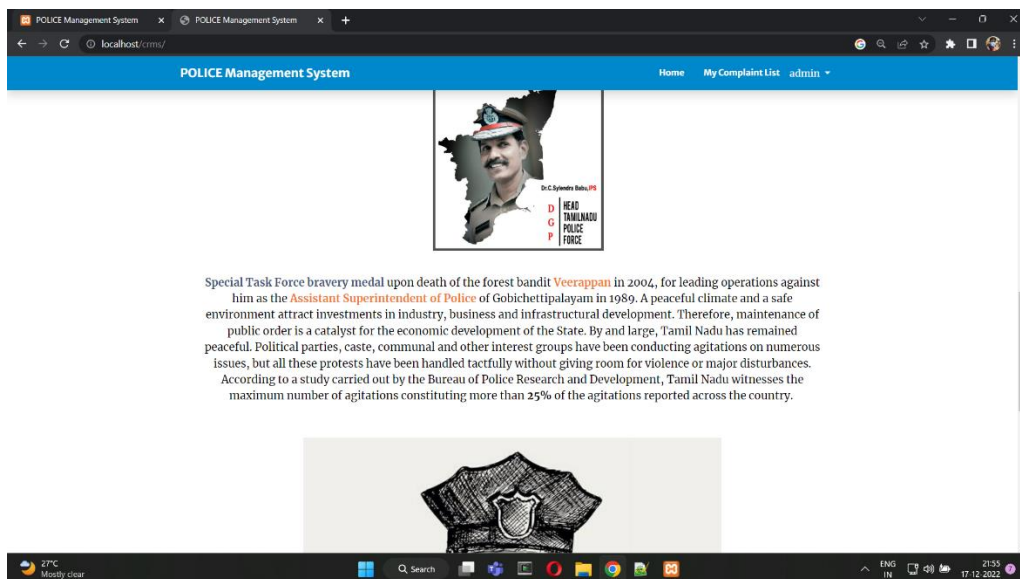
1.Home page part-1



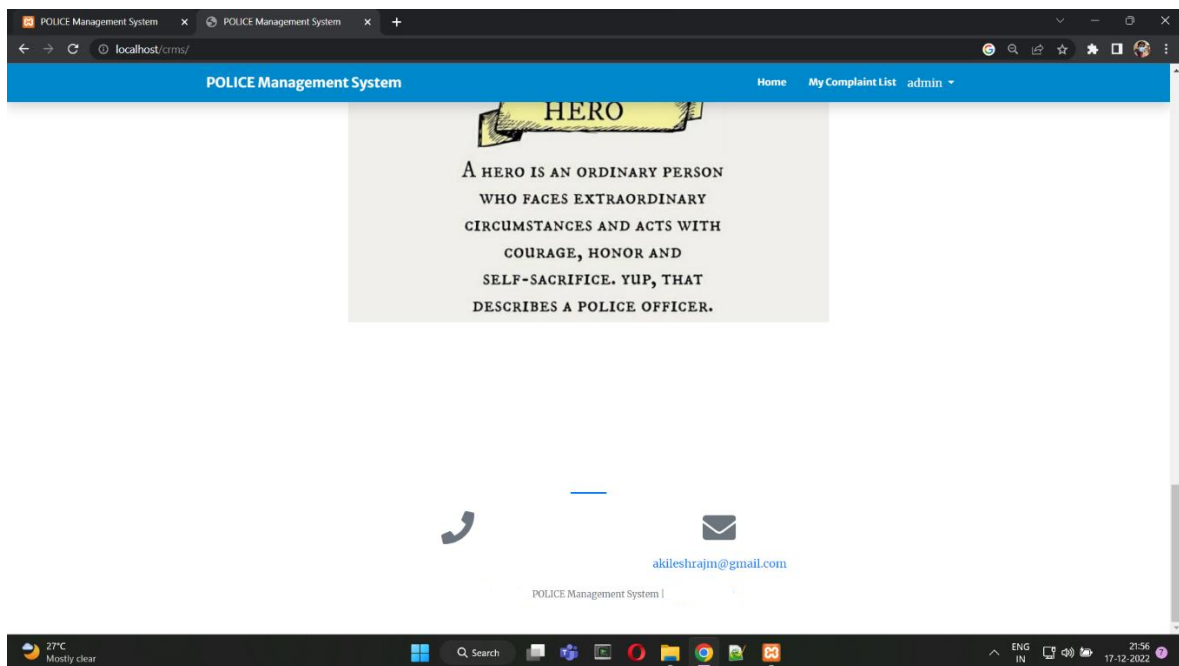
2. Home page part-2



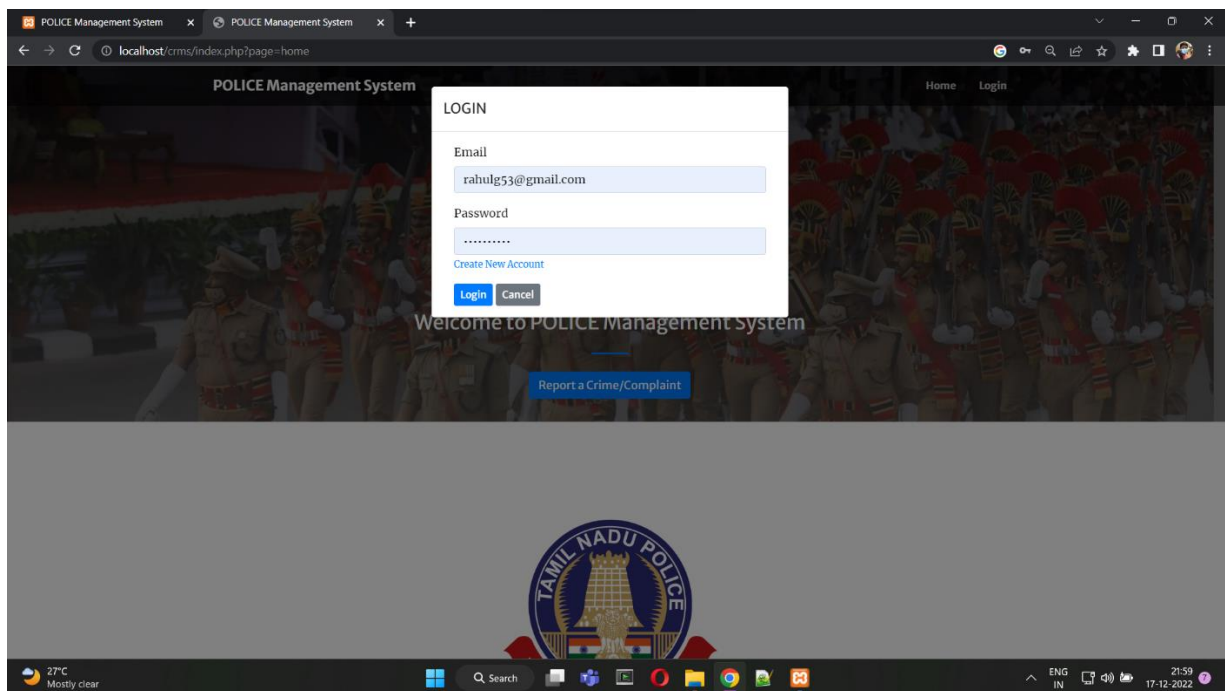
3. Home page part-3



4.home page part-4



5.login via existing account



6. Creating new account for login

The screenshot shows the 'Create an Account' form in the POLICE Management System. The form is overlaid on a background image of police officers. The form fields are as follows:

- Name: Jeeva
- Contact: 8949841655
- Address: no 30,anna street,t.nagar,chennai
- Email: rahulg54@gmail.com
- Password:

Buttons: Create, Cancel

The background image shows a group of police officers in uniform, with the Tamil Nadu Police logo visible at the bottom center.

7.reporting a complaint

The screenshot shows the 'Report' form in the POLICE Management System. The form is overlaid on a background image of police officers. The form fields are as follows:

- Report Message: bike theft
- Incident Address: chrompet railway station

Buttons: Create, Cancel

Below the form, there is a button labeled 'Report a Crime/Complaint'.

Below the button, there is a table showing the complaint list:

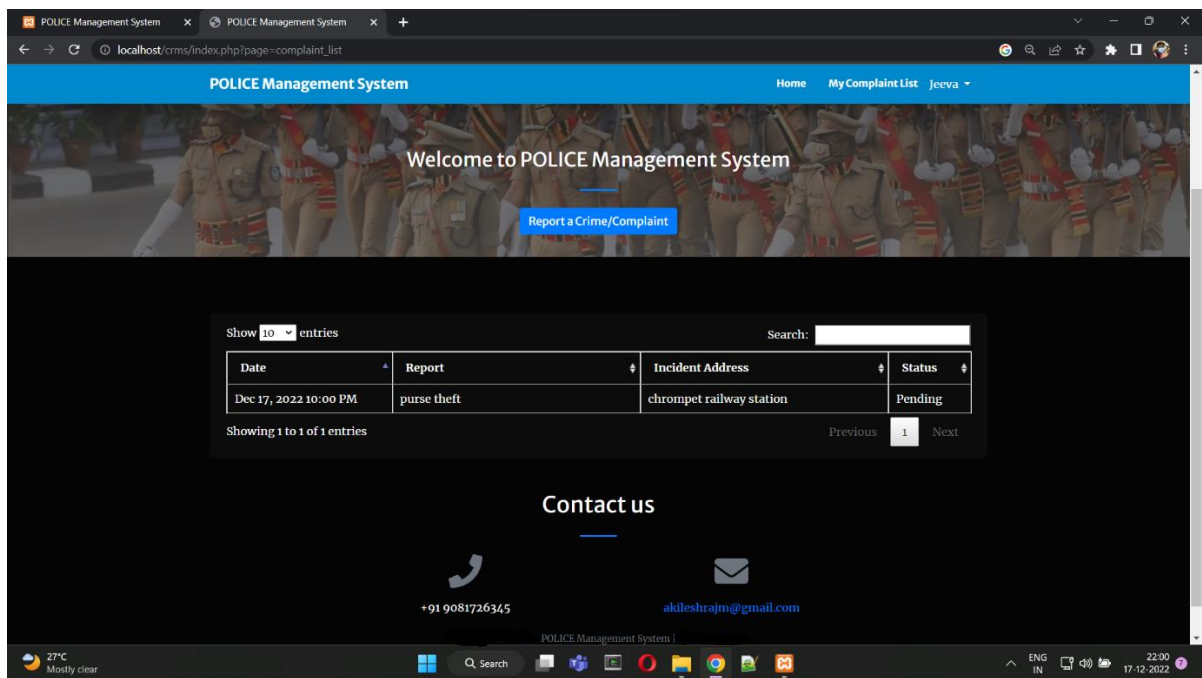
Date	Report	Incident Address	Status
Dec 17, 2022 11:28 PM	purse theft	chrompet railway station	Pending

Showing 1 to 1 of 1 entries

Search: [Search bar]

Previous 1 Next

8.reported complaint stored in data base complaint table



The screenshot displays the POLICE Management System dashboard. At the top, there is a navigation bar with links for Home, My Complaint List, and Jeeva. Below the navigation bar is a banner image of police officers in uniform with the text "Welcome to POLICE Management System" and a button labeled "Report a Crime/Complaint".

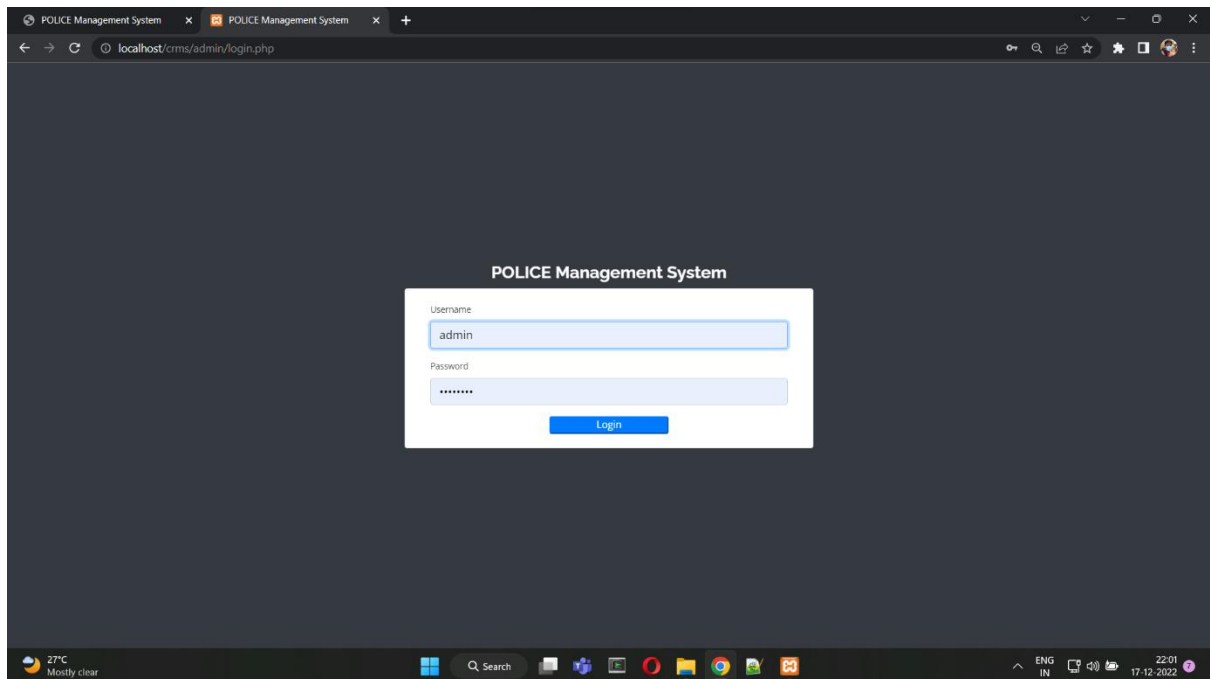
The main content area features a table of reported complaints. The table has columns for Date, Report, Incident Address, and Status. A search bar and a "Show 10 entries" dropdown are located above the table. The table shows one entry: a report of "purse theft" at "chrompet railway station" with a status of "Pending".

Below the table, there is a "Contact us" section with a phone icon and the number "+91 9081726345", and an email icon with the address "akleshrajm@gmail.com".

Date	Report	Incident Address	Status
Dec 17, 2022 10:00 PM	purse theft	chrompet railway station	Pending

Showing 1 to 1 of 1 entries

9.admin login page

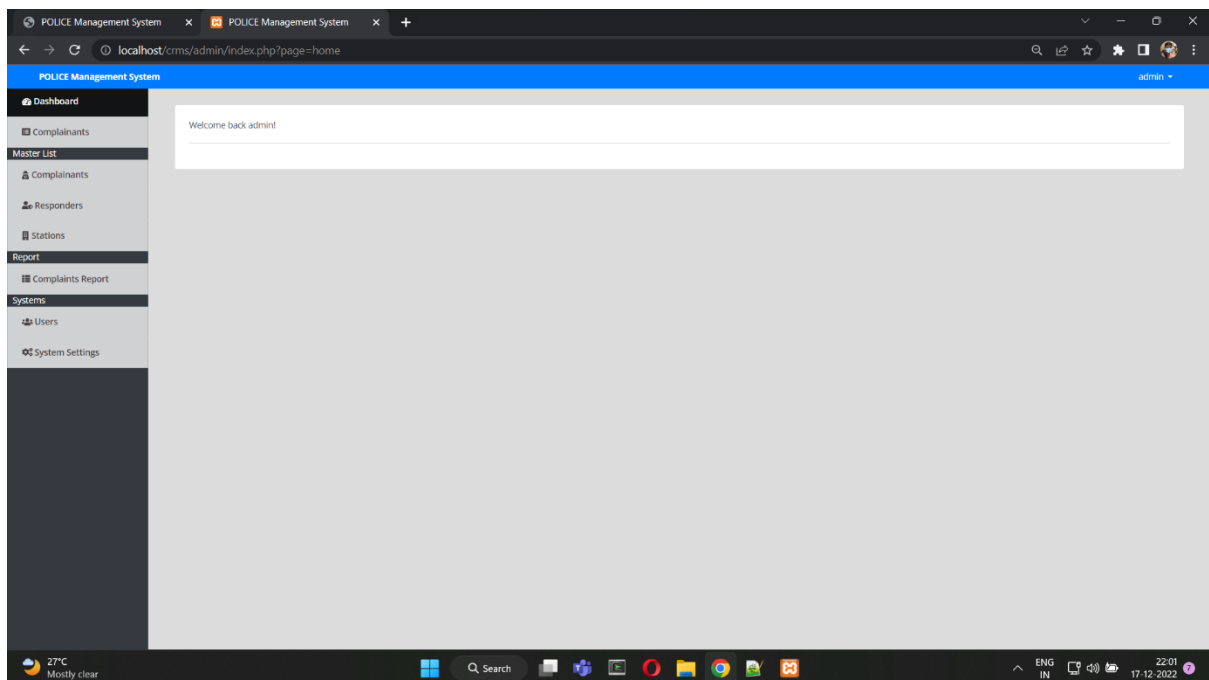


The screenshot shows the admin login page of the POLICE Management System. The page has a dark background with a white login form in the center. The form contains fields for Username and Password, and a Login button. The Username field is pre-filled with "admin".

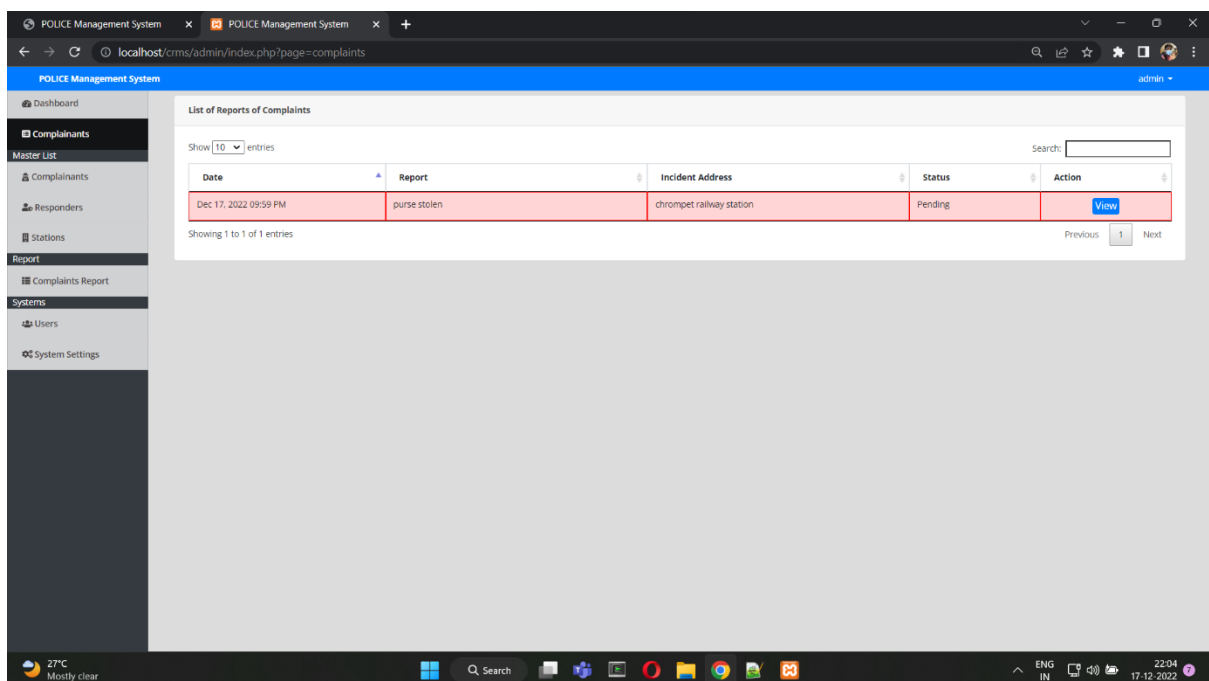
The login form is titled "POLICE Management System" and includes the following fields:

- Username: admin
- Password: (masked with asterisks)
- Login button

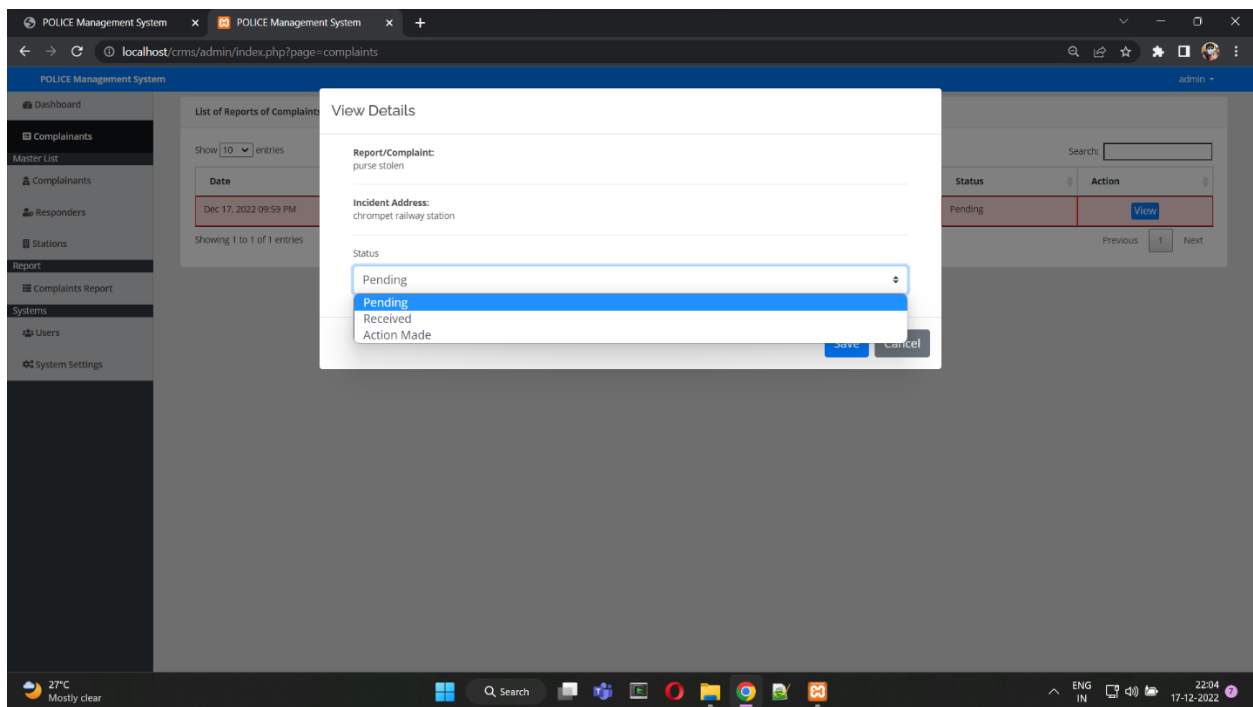
10.Admin home page



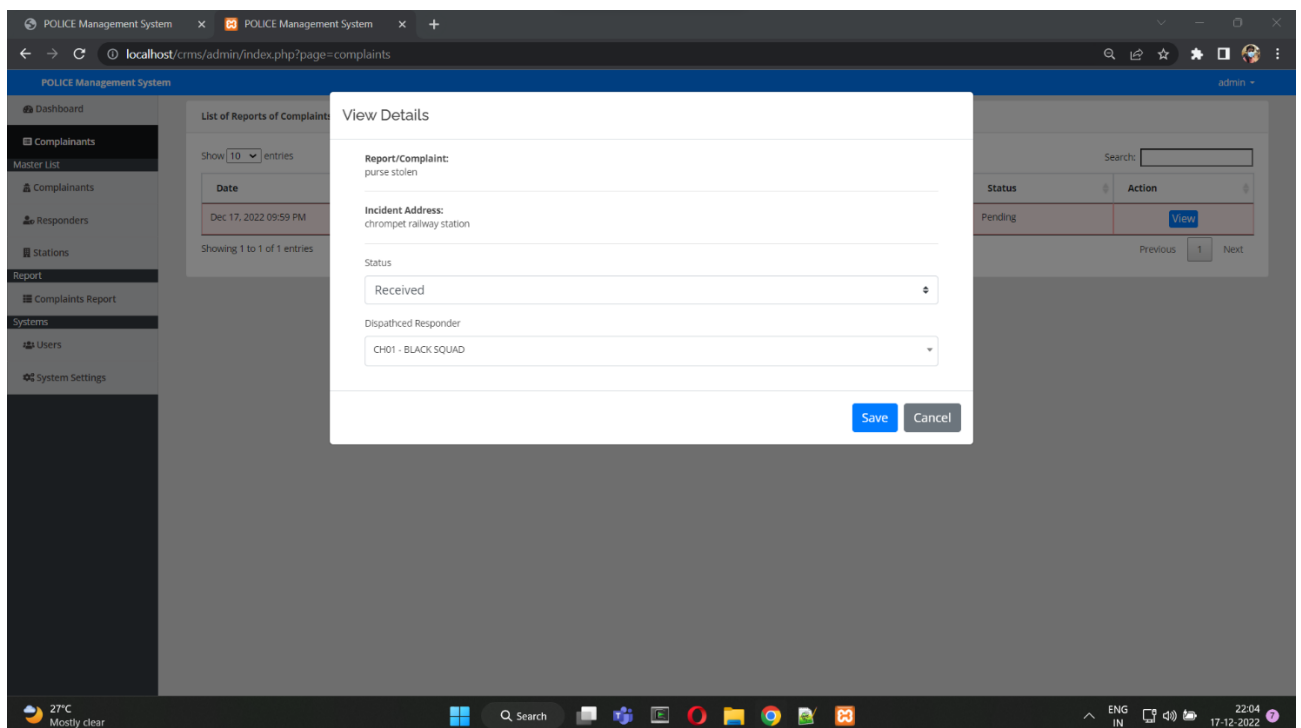
11.Complaints recieved



12. updating the status of the complaint to “received”



13. assing a station and a squad for the complaint



14. "received" status uploaded in police table

The screenshot displays the 'POLICE Management System' interface. The left sidebar contains navigation links: Dashboard, Complainants (Master List, Complainants, Responders, Stations), Report (Complaints Report), and Systems (Users, System Settings). The main content area is titled 'List of Reports of Complaints'. It features a search bar, a 'Show 10 entries' dropdown, and a table with the following data:

Date	Report	Incident Address	Status	Action
Dec 17, 2022 09:59 PM	purse stolen	chrompet railway station	Received	View

Below the table, it indicates 'Showing 1 to 1 of 1 entries' and includes 'Previous' and 'Next' navigation buttons. The system status at the bottom shows '27°C Mostly clear' and the time '22:04 17-12-2022'.

15. verifying the complainant

The screenshot displays the 'POLICE Management System' interface. The left sidebar is identical to the previous screenshot. The main content area is titled 'List of Complainant'. It features a search bar, a 'Show 10 entries' dropdown, and a table with the following data:

#	Name	Information	User Reliability	Action
1	Aadhithya	Contact #: 79656264618 Address: chrompet	Verified	Unverify View Complaints
2	Akilesh Raj	Contact #: 798456123 Address: chrompet	Verified	Unverify View Complaints
3	Jeeva	Contact #: 8949841655 Address: no 30, anna street, L. nagar, chennai	Unverified	Verify View Complaints
4	Rahul	Contact #: 744565626 Address: no 40 anna street, chennai	Unverified	Verify View Complaints

Below the table, it indicates 'Showing 1 to 4 of 4 entries' and includes 'Previous' and 'Next' navigation buttons. The system status at the bottom shows '27°C Mostly clear' and the time '22:04 17-12-2022'.

16.verification completed

The screenshot shows the POLICE Management System interface. A confirmation dialog is displayed in the center, asking: "Are you sure to set the selected complainant as verified?". The dialog has "Continue" and "Close" buttons. In the background, the "List of Complainant" table is visible, showing four entries. The first two entries, Aadithya and Akilesh Raj, are marked as "Verified". The last two entries, Jeeva and Rahul, are marked as "Unverified".

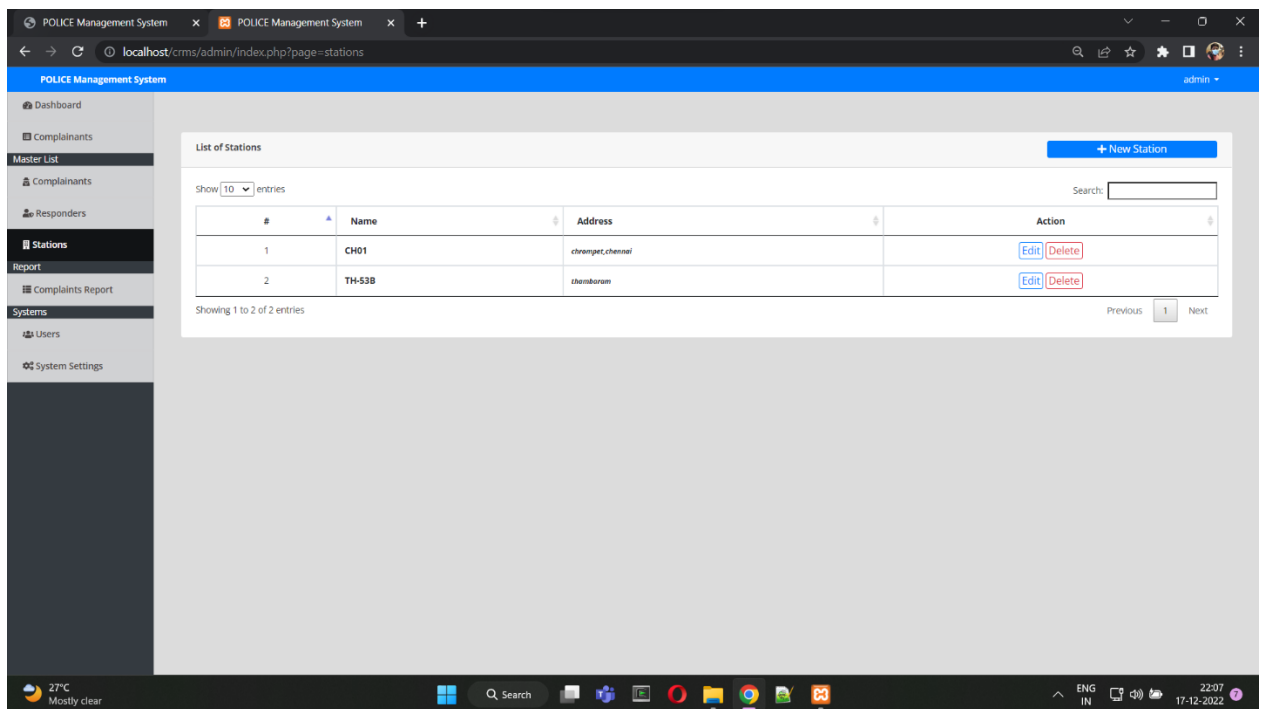
#	Name	Contact #	Address	Inform	Action
1	Aadithya	79656264618	chromper	Verified	Unverify View Complaints
2	Akilesh Raj	798456123	chromper	Verified	Unverify View Complaints
3	Jeeva	8949841655	no 36,anna street, nagar, Chennai	Unverified	Verify View Complaints
4	Rahul	744565626	no,40,anna street, Chennai	Unverified	Verify View Complaints

17.Squad assigned data

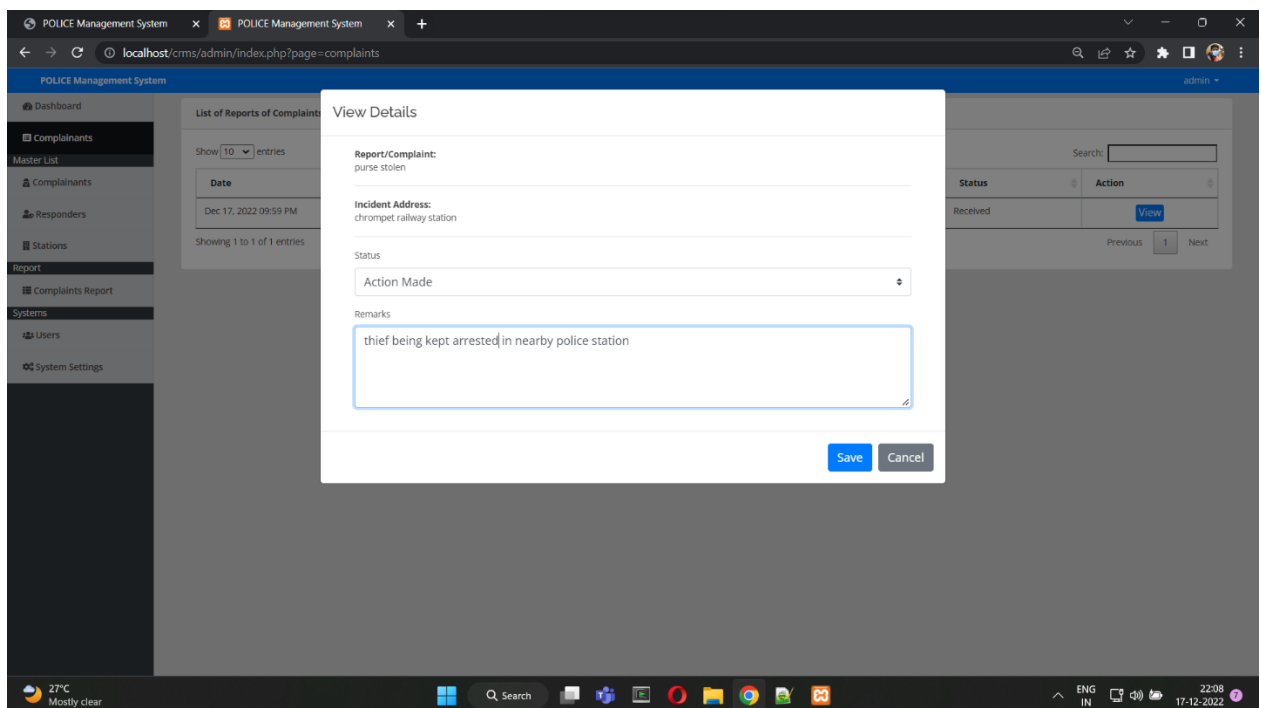
The screenshot shows the POLICE Management System interface. The "List of Responders Team" table is displayed, showing one entry for the "BLACK SQUAD" assigned to "CH01" station. The table has columns for #, Team Name, Station, Station Address, and Action. The Action column contains "Edit" and "Delete" buttons. A "New Team" button is located at the top right of the table.

#	Team Name	Station	Station Address	Action
1	BLACK SQUAD	CH01	chromper, Chennai	Edit Delete

18.The police stations involved in the premises



19.after finding the culprit ,updating the complaint table to “action made” And giving an description.



20.the complaint table is updated successfully

The screenshot shows the 'POLICE Management System' interface. The left sidebar contains a 'Master List' with items: Complainants, Responders, Stations, Report, Complaints Report, Systems, Users, and System Settings. The main content area is titled 'List of Reports of Complaints' and displays a table with the following data:

Date	Report	Incident Address	Status	Action
Dec 17, 2022 09:59 PM	purse stolen	chrompet railway station	Action Made	View

Below the table, it says 'Showing 1 to 1 of 1 entries'. There are 'Previous' and 'Next' navigation buttons. The top of the page shows the user 'admin' and the date '17-12-2022'.

21.we print the complaint statement here

The screenshot shows the 'POLICE Management System' interface. The left sidebar is the same as in the previous screenshot. The main content area is titled 'Complaints Report' and displays a table with the following data:

#	Date/Time	Information	Team Responded	Dispatched By	Remarks
1	Dec 17, 2022 09:59 PM	Report: purse stolen Address: chrompet railway station	CH01 - BLACK SQUAD	Admin	Thief Being Kept Arrested in Nearby Police Station

Below the table, there is a green 'Print' button. The top of the page shows the user 'admin' and the date '17-12-2022'.

22.home page of complainant, the status of the complaint got updated to “action-made”.

The screenshot displays the home page of the POLICE Management System for a complainant. The page features a blue header with the system name and navigation links. A banner image of police officers is at the top, with a 'Report a Crime/Complaint' button. Below this is a table of complaint entries. The first entry shows a 'purse stolen' incident at 'thambaram railway station' with a status of 'Action Made'. The page also includes a 'Contact us' section with a phone number and email address.

Date	Report	Incident Address	Status
Dec 17, 2022 10:11 PM	purse stolen	thambaram railway station	Action Made

Showing 1 to 1 of 1 entries

Previous 1 Next

Contact us

+91 9081726345

akileshrajm@gmail.com

RESULT:

Thus the total working of the project has been explained above. Thus the timetable has been successfully generated.