

Mini Project

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MCA REGULAR

ROLL NO: 20

PUBLIC CRIME REPORTING WALL

ABSTRACT

The aim of this project is to develop an online reporting system which is easily accessible to the public. In general people in India are afraid to give a complaint in police station even if they have proper evidence about any crime or criminal activity. Also due to the difficulty to approach police station at night and for the easiness in filing complaint, this site is a perfect choice.

Here the registered users can add crime reports with proper evidence to the wall. The corresponding police station in that area can check the user's story and take appropriate action.

Modules

1. Admin
2. User
3. Police

Admin Module: Main role of the system.

- Can add police station and police officers.
- Can generate reports based on station wise, zone wise, district wise.

User Module: User can register and report any crime with photo or video evidence. Also, users can check the status of their complained case.

Police Module: Police can check all the complaints and they can approve it. This module has a login where officers of the respective station can login and check the complaints registered by the user.

DATABASE DESIGN

1. User_reg table

FIELD NAME	DATATYPE	KEY
User_id	int	Primary key
Name	varchar (20)	
Gender	varchar (20)	
DOB	date	
Mobile	varchar (12)	
Email	varchar (30)	
House_no	varchar (20)	
Street	varchar (20)	
Area	varchar (20)	
City	varchar (20)	
district_id	int	Foreign key
Station_id	int	Foreign key
State	varchar (20)	
Country	varchar (20)	
Pincode	varchar (20)	
Password	varchar (20)	

2. Dist table

FIELD NAME	DATATYPE	KEY
district_id	int	Primary key
district	varchar (25)	

3. Zone table

FIELD NAME	DATATYPE	KEY
Zone_id	int	Primary key
Zone_location	varchar (20)	
district_id	Int	Foreign key

4. Station table

FIELD NAME	DATATYPE	KEY
Station_id	int	Primary key
Station_name	varchar (20)	
Zone_id	int	Foreign key
Pincode	varchar (10)	
Status	int	

5. Crime table

FIELD NAME	DATATYPE	KEY
Crime_id	int	Primary key
Crime_type	Varchar (20)	

6. Crime_report table

FIELD NAME	DATATYPE	KEY
report_id	int	Primary key
crime_id	int	Foreign key
user_id	int	Foreign key
zone_id	int	Foreign key
type_id	int	Foreign key
Pincode	varchar (10)	
reporting_date	date	
incident_date	date	
time	time	
evidence	blob	

7. User_type table

FIELD NAME	DATATYPE	KEY
type_id	Int	Primary key
type_name	Varchar (20)	

8. Response table

FIELD NAME	DATATYPE	KEY
response_id	int	Primary key
action_id	int	Foreign key
report_id	int	Foreign key
status	int	

9. Action table

FIELD NAME	DATATYPE	KEY
action_id	int	Primary key
action_name	varchar (20)	

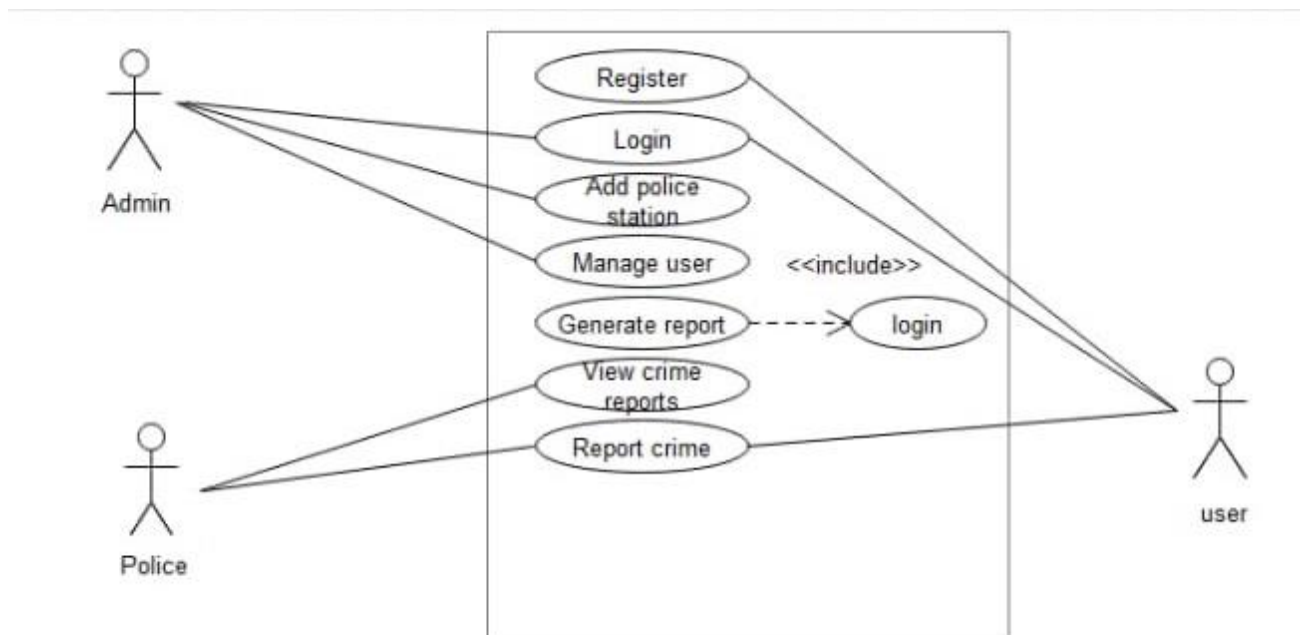
10. Login_type table

FIELD NAME	DATATYPE	KEY
type_id	int	Primary key
access_type	varchar (20)	
status	int	

11. Login table

FIELD NAME	DATATYPE	KEY
Id	int	Primary key
type_id	int	Foreign key
username	varchar (20)	
password	varchar (20)	
status	int	

USECASE DIAGRAM



SEQUENCE DIAGRAM

Diagram-1

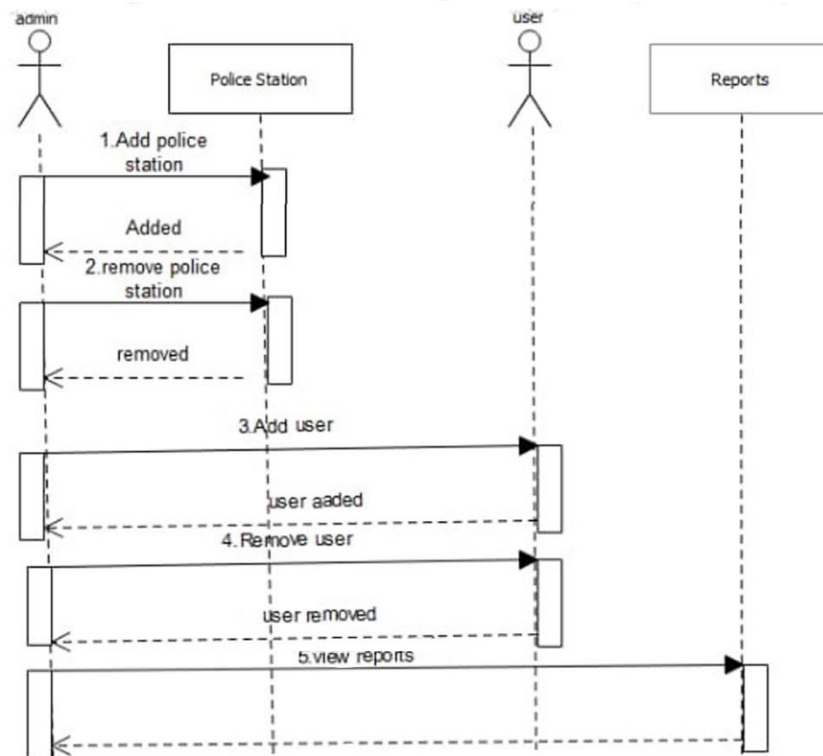
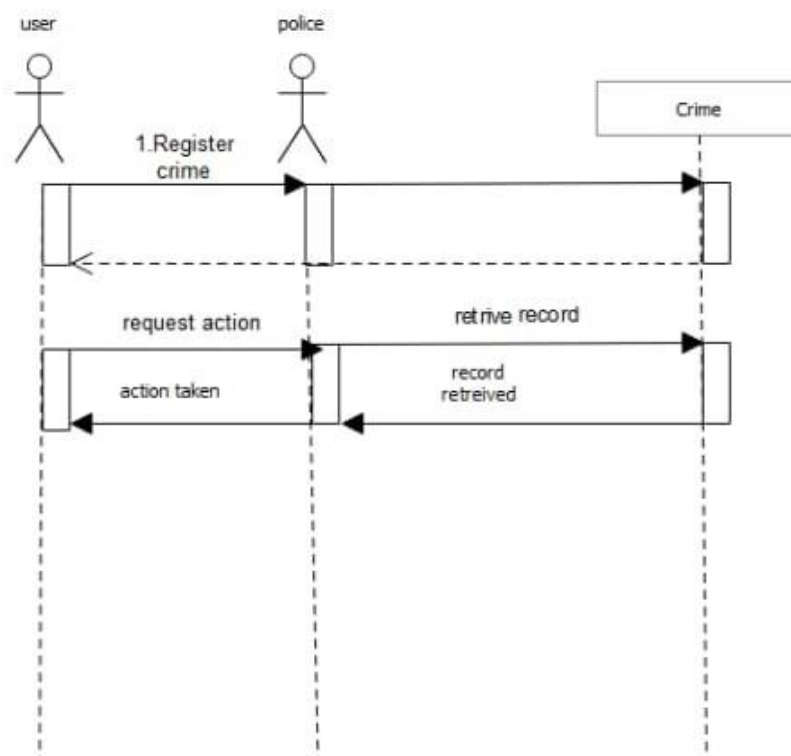
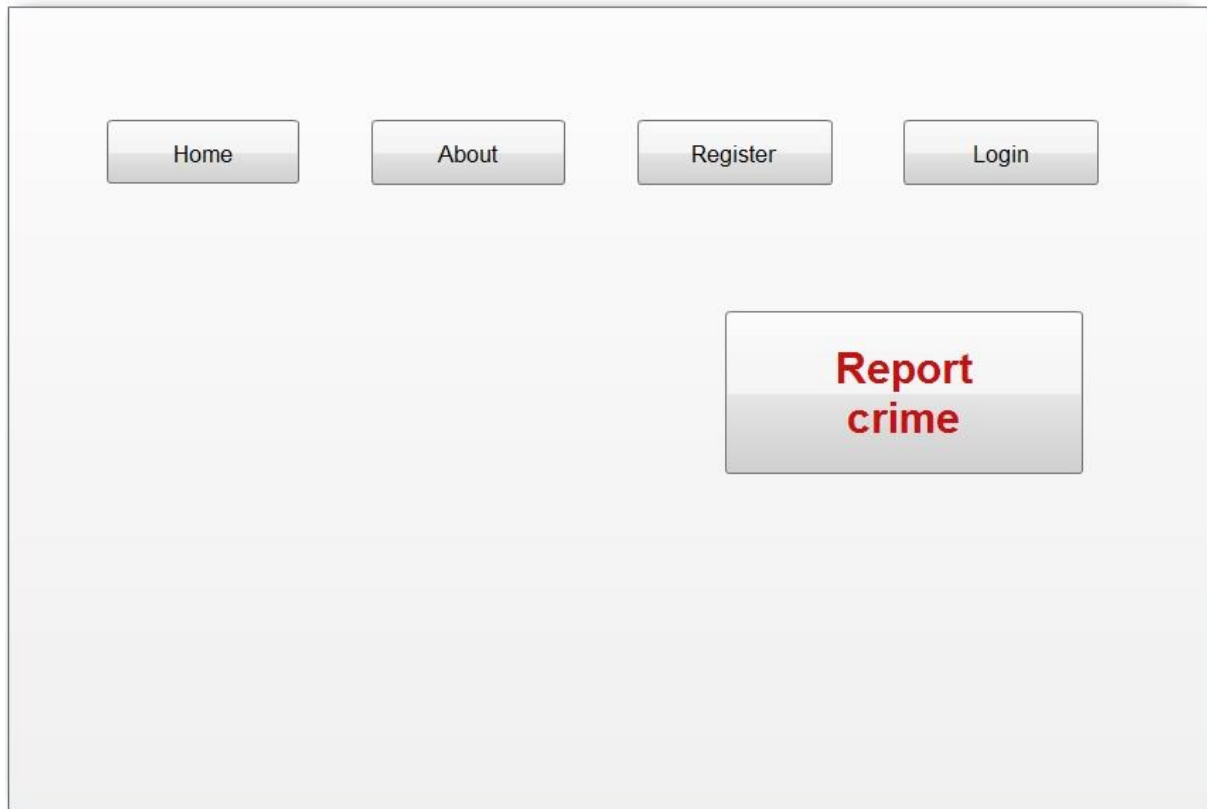


Diagram-2



User Interface

1. Guest home



2. Registration

[Home](#)

Registraion

<input type="text" value="Name"/>	<input type="text" value="House no"/>	
<input type="text" value="Gender"/>	<input type="text" value="Street"/>	
<input type="text" value="Mobile"/> + 91	<input type="text" value="Area"/>	<input type="text" value="Password"/>
<input type="text" value="email"/>	<input type="text" value="City"/>	<input type="text" value="Confirm password"/>
<input type="text" value="Aadhar"/>	<input type="text" value="District"/>	
<input type="text" value="Date of Birth"/>	<input type="text" value="pincode"/>	
<input type="text" value="Police station"/>		

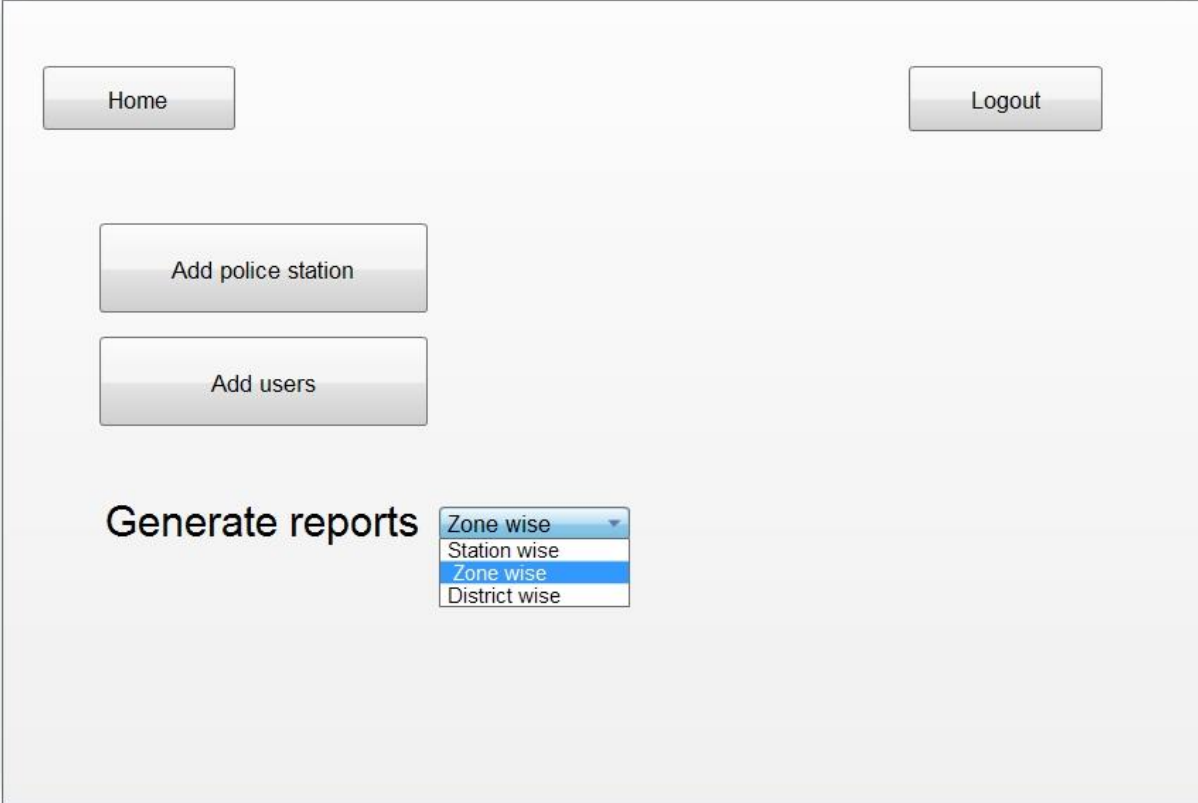
3. login

[Home](#)

[Register](#)

login

4. Admin home



The Admin home interface features a light gray background. At the top left is a 'Home' button, and at the top right is a 'Logout' button. Below these, on the left side, are two stacked buttons: 'Add police station' and 'Add users'. In the center, the text 'Generate reports' is displayed next to a dropdown menu. The dropdown menu is open, showing four options: 'Zone wise' (highlighted in blue), 'Station wise', 'Zone wise' (highlighted in blue), and 'District wise'.

Home Logout

Add police station

Add users

Generate reports

- Zone wise
- Station wise
- Zone wise
- District wise

5. User home



The User home interface features a light gray background. At the top left is a 'Home' button, and at the top right is a 'Logout' button. In the center, the text 'PUBLIC CRIME REPORTING WALL' is displayed. Below this text are two stacked buttons: 'Report a crime' (highlighted in red) and 'View reported crimes'.

Home Logout

PUBLIC CRIME REPORTING WALL

Report a crime

View reported crimes

6. Police home

[Home](#)

PUBLIC CRIME REPORTING WALL

[Logout](#)

[View complaints](#)[Action pending](#)

[Generate reports](#)

7. Crime reporting

[Home](#)

Report Crime Details

[Logout](#)

Crime Type

User type

Zone Location

pincode

reporting date

victim

witness

victim

kottayam

changanassery

kottayam

kanjirappally

incident date

Time

UPLOAD

upload evidence

Discription