POLICE MANAGEMENT SYSTEM

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INTRODUCTION

Now a days registering a police complaint against a crime is fairly difficult unless you have money or power. One can face bribery issues or threats from the powerfull to not to file the case or in general normal people are afraid of the police system

POLICE MANAGEMENT SYSTEM is the system which brings general people closer to the police management to share their views and helps them reduce the risk of crime

- Our aim by using this project is to develop E-cops. This system is easily accessible by all normal public, the police department and the administrative department. System is developed because the normal public is afraid to report a complaint against any crime going around them

- By using this system, the record work is reduced and the data is stored in computer which is more confidential than a paper work

- The other advantages on this system is people can view the enquiry about complaints, status of complaints and other information.

- POLICE MANAGEMENT SYSTEM saves a lot of the users time which they spend going to police stations and dealing with them which takes ridiculous amount of time. But by using this system the user can register a complaint online and can check the complaint status like whether the compliant got reported in FIR and the police authority can check the complaints and can file a FIR on that particular complaints

WHY HCI IS NEEDED

- In this particular system HCI is bound to be more successful than offline system

Since the users have to go through various phases to register a complaint like fear of police, societal pressure, police bribe, if involved in politics then political threats and personal threats to family.

By converting the existing to online the above problems won't bother the person registering a complaint

In this system HCI is critical since it provides more success rate of complaints registration, safe, helpful, functional and is accessible to everyone. It makes the users experience safe and easy in both short and long term

It is important in this project as it creates an interaction between the user and the police through the system . incorporating HCI is crucial and essential in this project

HCI PRINCIPLES - VISIBILITY

A system with good visibility allows the user to easily translate goals into actions.

An object's function should be visible so that people can see what it is currently doing and see what buttons or controls are available. Visibility can also be made available through the use of sound or through touch with for example different textures, shapes or vibrations.

In this system there are three main buttons to be included like

- Register a complaint
- FIR status
- Administrator login

priority

The main principle in HCI is that the people should come first . our system mainly based and focuses on this particular principle. In this system the people are the center of the system.

As in the offline system the user has the key to the system but in the offline the user has many difficulties.

USABILITY

Usability is one of the key concepts in HCI. It is concerned with making systems easy to learn and use. A usable system is:

- easy to learn
- easy to remember how to use
- effective to use
- efficient to use
- safe to use
- enjoyable to use

FUNCTIONALITIES

The functionalities of the proposed system are

- User login
- Registering a complaint
- FIR status check
- Raise an issue
- Admin login
- Administrator works like accepting a complaint and filing an FIR through admin login
- login/logout

PROPOSED METHOD

The main objective of this project is to make an E-cops like system which can be accessed by everyone, easy, secure and safe to use

It uses mysql as the database to store the registered complaints and for front end we use php with xampp server

Software Testing Methodology is defined as strategies and testing types used to certify that the Application Under Test meets client expectations. Test Methodologies include functional and non-functional testing to validate the system.
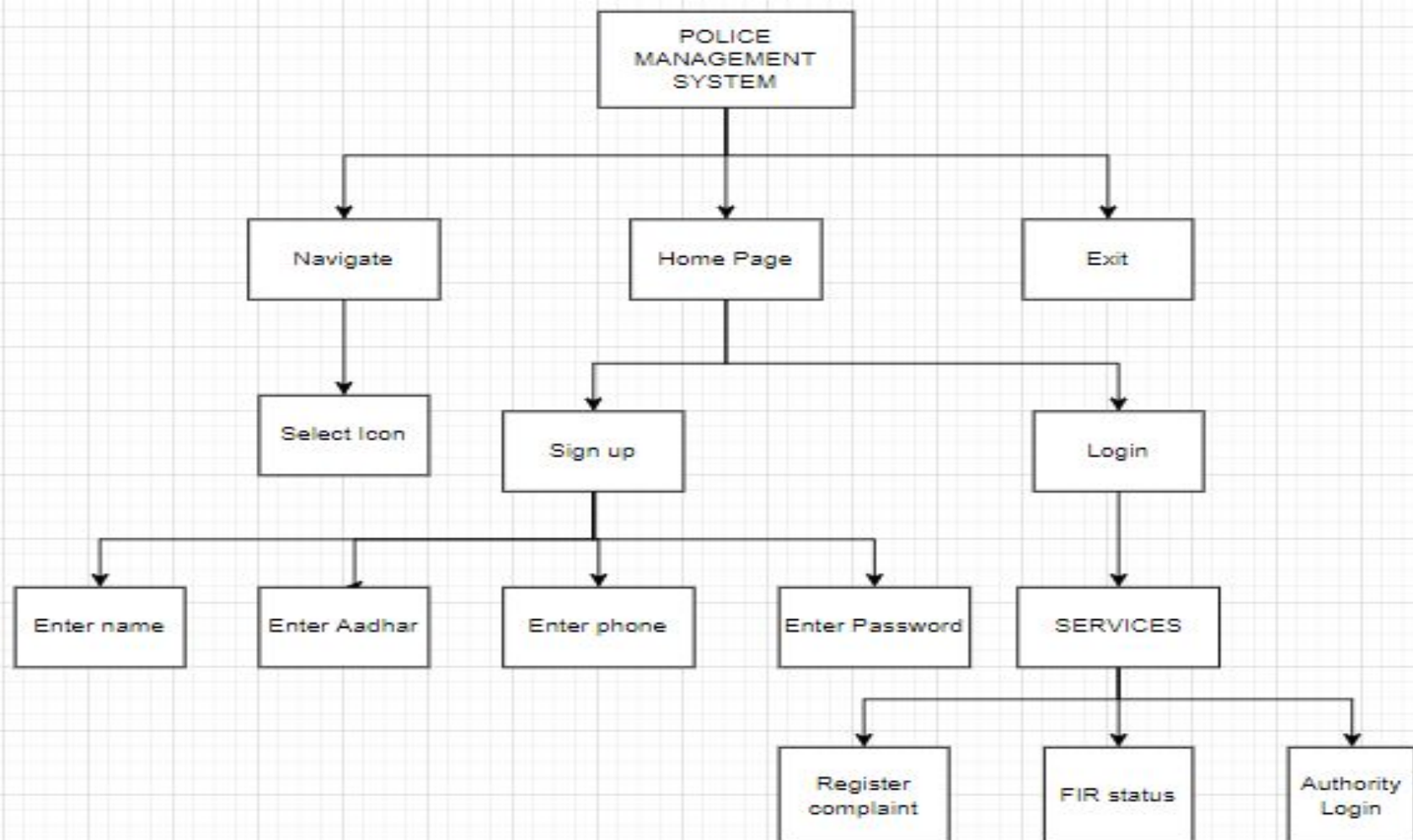
STATE TRANSITIONS DIAGRAM
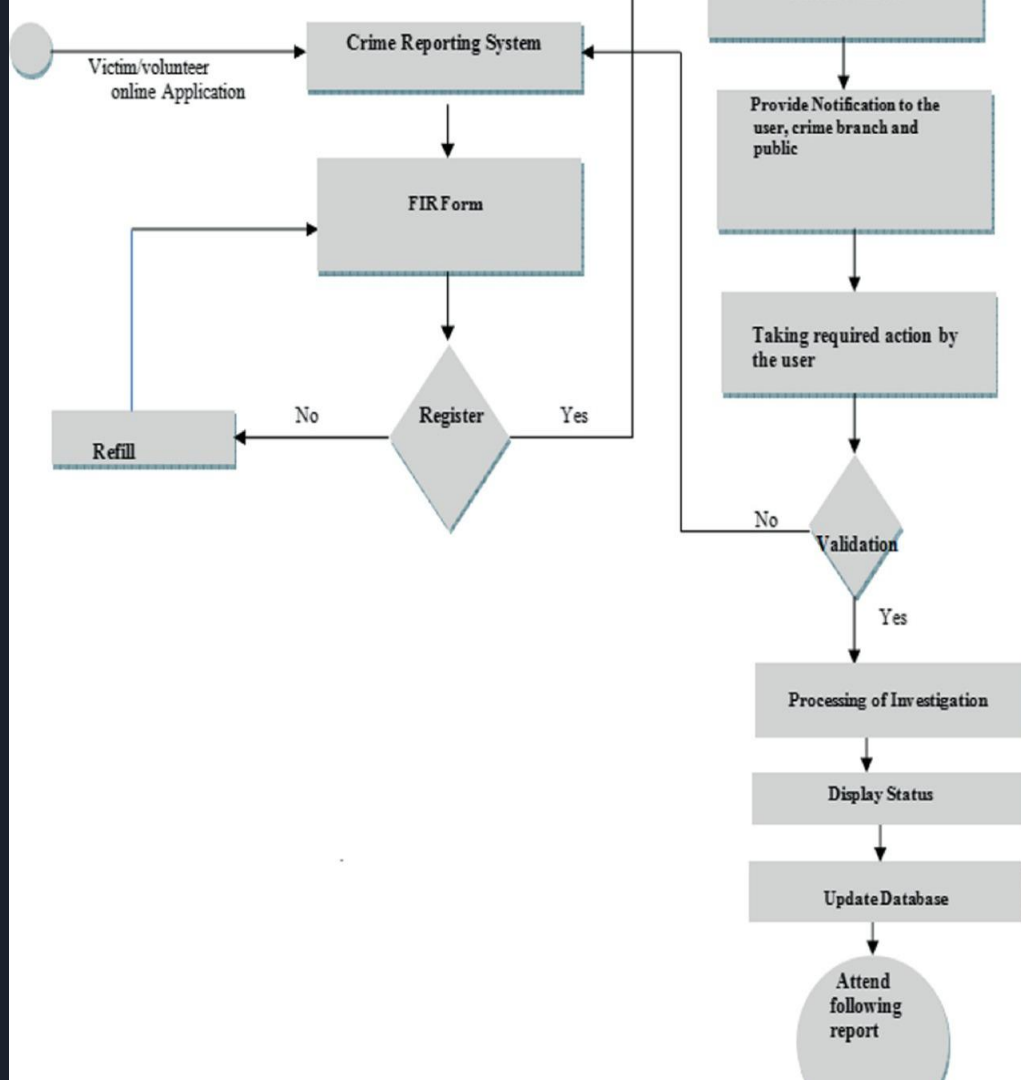
HIERARCHICAL TASK ANALYSIS (HTA)

```
                    POLICE
                  MANAGEMENT
                    SYSTEM

        │              │              │
        ▼              ▼              ▼
    Navigate      Home Page         Exit
        │              │
        │       ┌──────┴──────┐
        ▼       ▼             ▼
   Select Icon  Sign up      Login
                   │            │
     ┌─────────┬───┴───┬───────┐│
     ▼         ▼       ▼       ▼▼
 Enter name  Enter  Enter  Enter   SERVICES
             Aadhar phone  Password    │
                              ┌─────────┼─────────┐
                              ▼         ▼         ▼
                          Register   FIR status Authority
                          complaint             Login
```
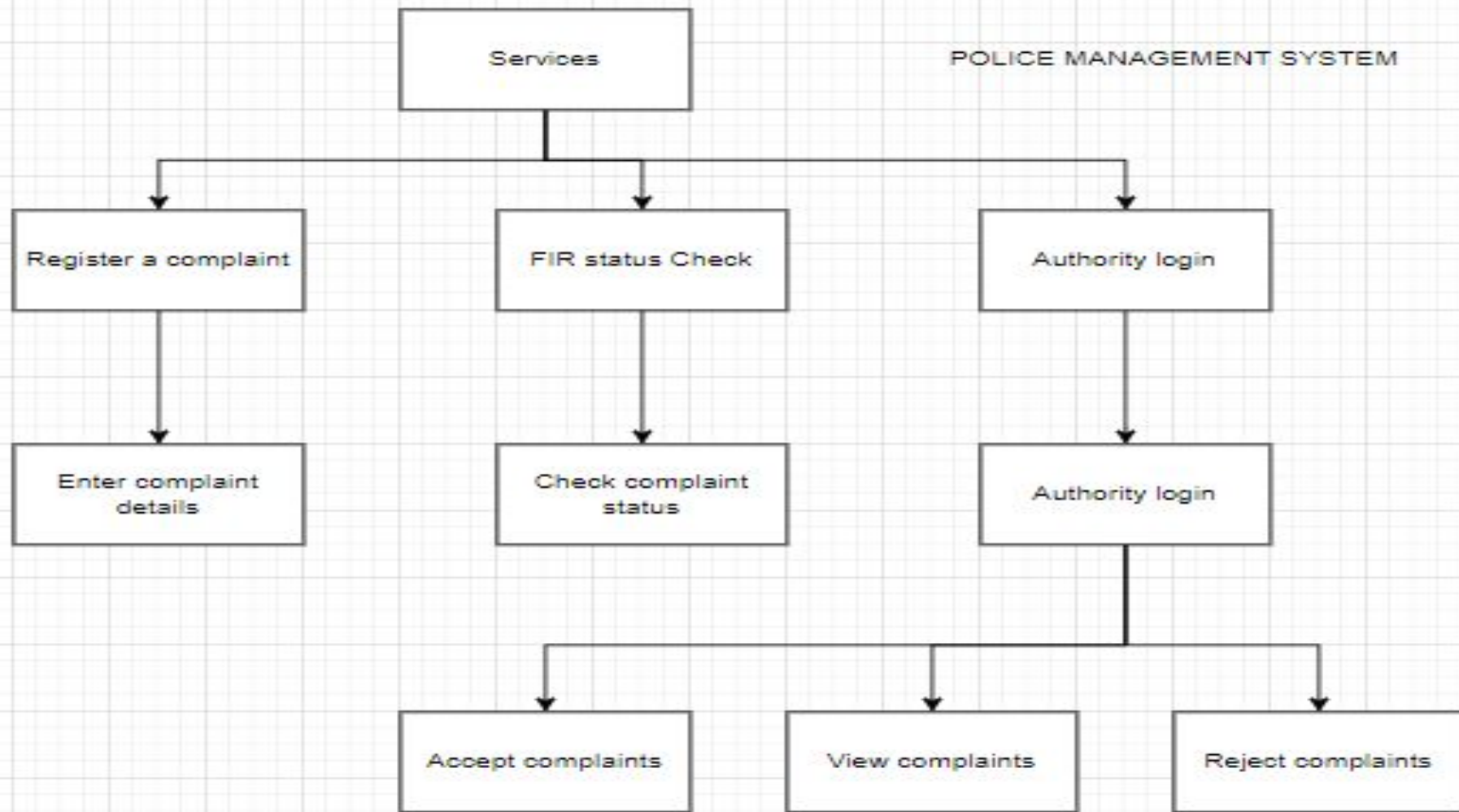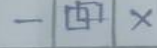
WIREFRAME DIAGRAM

SignUp page of for police Management System

Url for the website

← → ⟳ ⌂ ① https: Police Management System.Com — 🗗 ×

Sign Up

Pls fill this form to create account

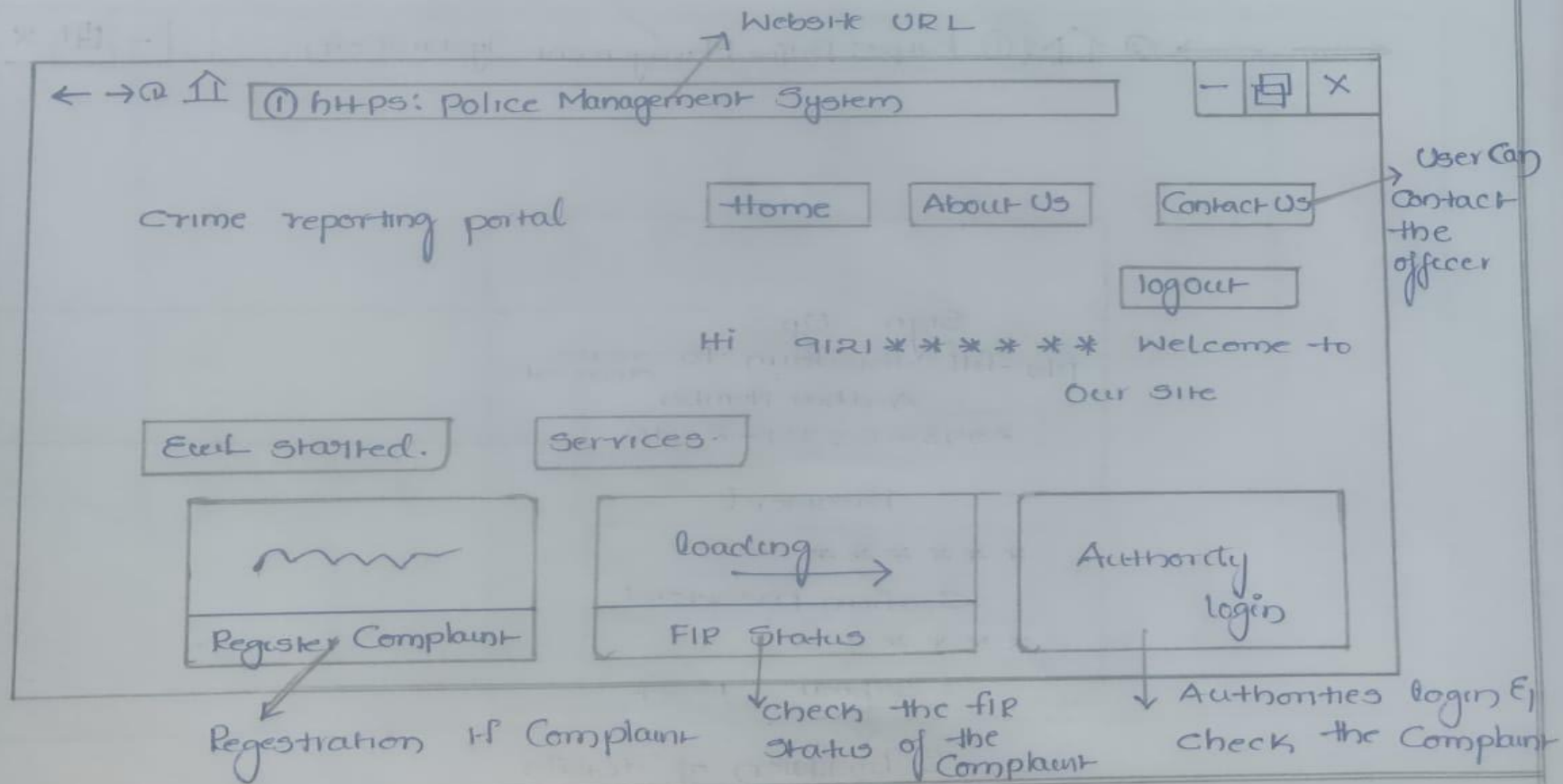Aadhar Number

2348 — 6374 — 2270

Password

* * * * * *

Confirm password

* * * * * *

Submit   Reset

SignUp form

12-digit aadhar number

Submission of details

Website URL

← → ⟲ ⌂ | ⓘ https: Police Management System | − ⊟ ✕

Crime reporting portal

Home | About Us | Contact Us

User can Contact the officer

logout

Hi 9121****** Welcome to Our Site

Evel started. | Services.

Register Complaint

loading →

FIR Status

Authority login

Registration if Complaint

Check the fir Status of the Complaint

Authorities login & check the Complaint

Complaint Registering

Name

Moula

Age

20

Address

Chennai

Date & time of Incidence

6/04/2022 3:50pm 📅

Select Complaint type

Cyber bullying   ∨

Submit

Complaint Registration form

FIR ID : R1

Name :- Moula

Age :- 20

Address :- Chennai

Date of Incidence :- 6/04/22

Date of Registration :- 7/04/22

Time of Registration :- 3:50 pm

Complain :- Cyber bullying

Section :- T66

Category :- Others

Approved :- No

Status :- pending

FIR Status of the Registeration.

→ The complaint is pending because of some reason.

ABMIN LOGIN

← → Q ⌂ ⓘ https: policeManagement.Com — 🗗 ✕

Pending Complain request

S.NO	Complain ID	Name	address	Date of Incid.	Complaint
1	23	—	—	—	—
2	78	—	—	—	—
3	24	—	—	—	—
4	31	—	—	—	—

Complaint ID & Name of registered complaint User and these residential address and date of the Crime Occurance.

＊ The authorities can also login & view the approved Complaints and Modify these.

THANK YOU