ST. TERESA'S COLLEGE(AUTONOMOUS), ERNAKULAM

AFFILIATED TO MAHATMA GANDHI UNIVERSITY

HUMAN SECURITY

PROJECT REPORT

In partial fulfilment of the requirement for the award of the degree of

BACHELOR OF SCIENCE IN COMPUTER APPLICATIONS[TRIPLE MAIN]

Submitted By:

DHIYA SUMEER

III B.Sc. Computer Applications[Triple Main]

Register No: SB22CA010

Under the guidance of

Ms. MARY SONA N.X

Assistant Professor

Department of Computer Applications

2022-2025

ST. TERESA'S COLLEGE(AUTONOMOUS), ERNAKULAM
AFFILIATED TO MAHATMA GANDHI UNIVERSITY

CERTIFICATE

This is to certify that the project report entitled **"HUMAN SECURITY"** is a bona fide record of the work done by **DHIYA SUMEER**(SB22CA010) during the year 2022– 2025 and submitted in partial fulfilment of the requirements for the degree of Bachelor of Science in Computer Applications (Triple Main) under Mahatma Gandhi University, Kottayam.

Internal Examiner MARY SONIA N.X

Date: 17/3/2025

External Examiner

Date:

17/03/2025

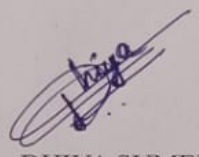
Head of the Department

DECLARATION

I, DHIYA SUMEER (Register no: SB22CA010), B.Sc. Computer Applications [Triple Main] student of St. Teresa's College (Autonomous), Ernakulam, hereby declare that the project submitted for Bachelor's Degree in Computer Application is my original work. I further declare that the said work has not previously been submitted to any other university or academic body.

Date: 17/03/2025

Place: ERNAKULAM



DHIYA SUMEER

ACKNOWLEDGEMENT

First and foremost, I would like to thank God almighty for the successful completion of my project. I express my sincere thanks to **Provincial Superior and Manager Rev. Dr. Sr. Vinitha CSST, Rev. Sr. Emeline CSST and Principal Dr. Alphonsa Vijaya Joseph of St. Teresa's college (AUTONOMOUS)** for giving me an opportunity to undertake this project. I express my sincere gratitude towards the **Head of the department Ms. Sheeba Dennis** and, I would like to extend my heartfelt appreciation to **Ms. Sona Xavier (Asst. Prof)**, my project guide for her constant support which helped in the successful completion of my project. I'm grateful to all the faculties of the Department of Computer Applications for their unwavering support and guidance throughout this journey. Finally, I extend my sincere thanks to my parents and friends and all those who directly or indirectly contributed to the realization of this project.

DHIYA SUMEER

SYNOPSIS

Nowadays, security issues among humans are becoming a major concern. Many studies show that women and men are facing similar abusement and harassments. Some of them were reported while the rest remains unreported. Prevention is better than cure. This project aims to help human in the time of any health distress abusement ect. The system prioritizes quick service to those who face harassment or abusement in critical situations or witness any kind of unhelpful situation such as accidents or any other abuses to other respective humans. The system consists of admin, user, and police modules. Here admin can view the complaints and if need admin can pass it to the police , user can login to system by using username and password and if in emergency situation they can click panic button so that their current location is send as a text messages to trusted contacts and also admin can view it, police also have username and password to login and police can view the complaint even have the access to get the current location of user.

CONTENTS

1.INTRODUCTION

INTRODUCTION

The Human Security is designed to help people in a distress situation, making them to report to the authorities in a more sudden approachable way. With a focus on efficiency and user friendliness, Human Security helps the people irrespective of their gender. Many studies show that women and men are facing similar abusement and harassments. Some of them were reported while the rest remains unreported. Prevention is better than cure. This project aims to help human in the time of any health distress,abusements,ect.

1.1 ABOUT PROJECT

Human Security app aims to provide helps in a sudden approachable manner for people who need it user can login to the app and if in need of emergency there is a feature called panic button, when pressed message will be sent to the trusted contacts. admin can view the complaints and can try to contact them and can pass it to the police. Admin can also view the reviews. Users add their reviews about a particular place. E.g.: -user add a place Fort Kochi and He/she writes the reviews about that place like weather it is so safe or not. Police can get the current of the endangered person and hence can act according to the respective complaints.

2.SYSTEM ANALYSIS

2.1 INTRODUCTION

System Analysis is a detailed study of the various operations performed by the system and their relationship within the modules of the system. This phase involves the study of the parent system and identification of the system objectives. The main objective of this phase involves gathering necessary information and using the structured tool for analysis. This includes designing the system. In this project, the requirements are studied in detail an information are collected and documented.

2.2 EXISTING SYSTEM

- **RAKSHA**: A women safety app This application is mainly intended to find the nearest police station and only enable GPS tracking system.
- **SOS Application**: Women Safety, Senior Citizen, Ambulance. It allows the user to send messages to multiple pre-set contacts.

In the existing security app, it mainly focuses on women security, and we cannot add any reviews about a place that we visit.

2.3 PROPOSED SYSTEM

- The proposed system consists of four main parts which are governed by admin and user: **1) A Panic Button 2) GPS Module 3) Location Awareness Module 4) Situation Tracking Module.**
- The user must install the android application on the smart phone. The user must register and login into the system.
- There are multiple features collaborated to ensure the complete security of the person. During the time of registration, a prompt window opened on the screen; too which allowed the user to set some chosen contact numbers as Emergency Contact Number.
- **A Panic Button**: It can produce an alert message followed by a call to the saved contacts, when we press button. If in case there is no internet when user press the panic

button, user can write a text message like the place where they are or the situation ext., and this text will send to different authorities

- **Location Awareness**: Users add their reviews about a particular place. E.g.: -user add a place Fort Kochi and He/she writes the reviews about that place like weather it is so safe or not.
- **GPS Module**: It will locate the current position of the user.
- **Situation Capturing Module**: User is the ultimate actor who dominates over this module. We can use both front and back cameras of the smart phone to capture the situation like if any accidents or crimes occurred, the user can capture image and can upload hence report it to the police station.

2.4 SYSTEM specification

Android app development, you need Windows 10 (64-bit), Required tools include Android Studio, NetBeans (for Java), and SQLyog (for MySQL). You'll need JDK 11+, Android SDK, and Gradle. The system should have at least 8 GB of RAM, a multi-core CPU, and 10 GB of free storage (SSD recommended).

2.5 OPERATING SYSTEM

Windows 11 is the latest major release of Microsoft's Windows NT operating system, released on October 5, 2021. It succeeded Windows 10 (2015) and is available for free any Windows 10 devices that meet the new Windows 11 system requirement. It also improved virtual desktops, gaming performance, and multitasking capabilities. However, it also has several disadvantages such as incompatible hardware, limited compatibility with older software, and fewer customization options.

2.6 LANGUAGE OR SOFTWARE PACKAGE

We are using Java for Android to develop the front-end of the app, providing a robust and flexible mobile interface. For the backend, we've chosen JSP (Java Server Pages) to handle dynamic content and server-side logic, while MySQL serves as the relational database to efficiently manage and store our data.

MySQL is a widely used open-source Relational Database Management System (RDBMS) that utilizes Structured Query Language (SQL) for database operations. Developed by MySQL AB and now owned by Oracle Corporation, MySQL is known for its reliability, speed, and ease of use. It is a key component in many web applications, forming the backbone of popular websites and services.

Java Server Pages (JSP) is a server-side programming technology that enables the creation of dynamic, platform-independent method for building Web-based applications. JSP have access to the entire family of Java APIs, including the JDBC API to access enterprise databases. This tutorial will teach you how to use Java Server Pages to develop your web applications in simple and easy steps.

Android Studio is the official Integrated Development Environment (IDE) for Android app development, and it supports Java as one of the primary programming languages. Here's a step-by-step guide on how to use Java in Android Studio to build your first Android app.

2.7 HARDWARE & SOFTWARE SPECIFICATIONS

❖**Front End:**

- **Android (Java)**

❖**Back End:**

- **JSP**
- **Database Base Management System: MySQL**

❖**Operating System:**

- **Microsoft Windows 10 or above**
- **Browser: Google Chrome**

❖ **Software Used:**

- **Wamp studio**
- **NetBeans**
- **SQL Yog**

3.SYSTEM DESIGN

3.1 INTRODUCTION

System design is an interactive process through which requirements are transmitted to a "blueprint" for constructing the software initial; the blueprint depicts a holistic view of software that's design is represented at a high-level abstraction. A level that can be directly traced to specific data, functional and behavioural requirements. As design interaction occur subsequent refinement led to design representation at a much lower level of abstraction. System design is a creative art of inventing and developing input, databases, offline files, method, and procedures, for processing data to get meaningful full output that satisfy the organization objectives. Through the design phase consideration to the human factor, that is inputs to the users will have on the system. Some of the main factors that must be noted using the design of the system are:

• Practicality: System must be capable of being operated over a long period of time and must have ease of use.

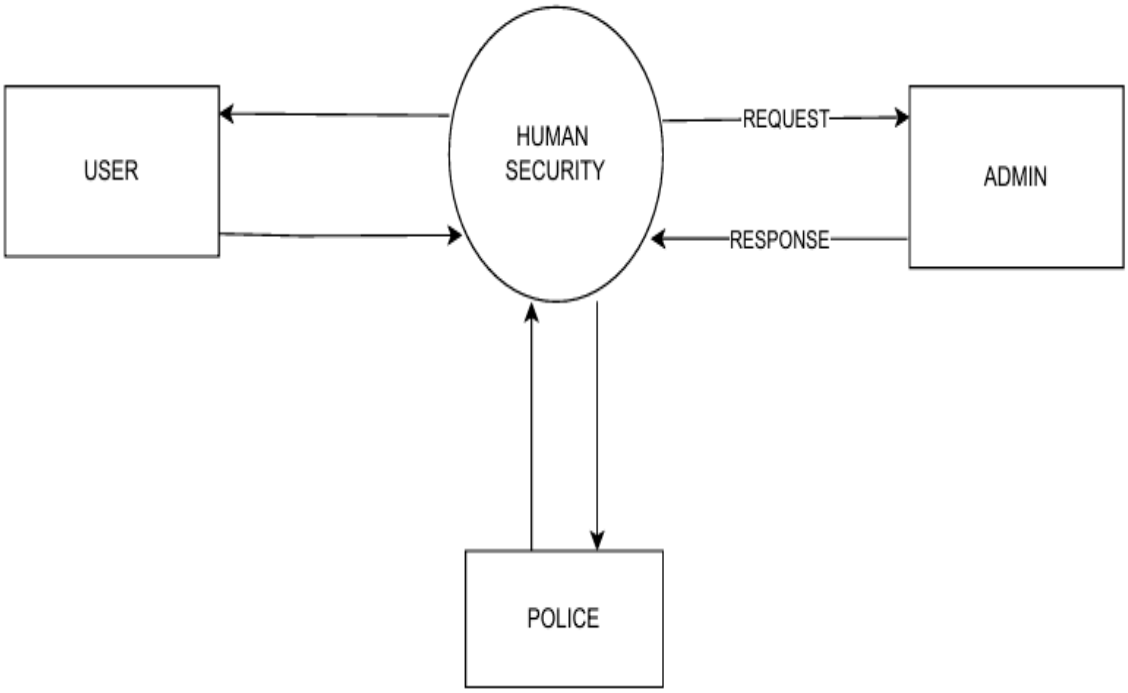
• Efficiency: Make better use of available resources. Efficiency involves accuracy, timeliness, and comprehensive system output.

• Cost: Aim of minimum cost and better results.

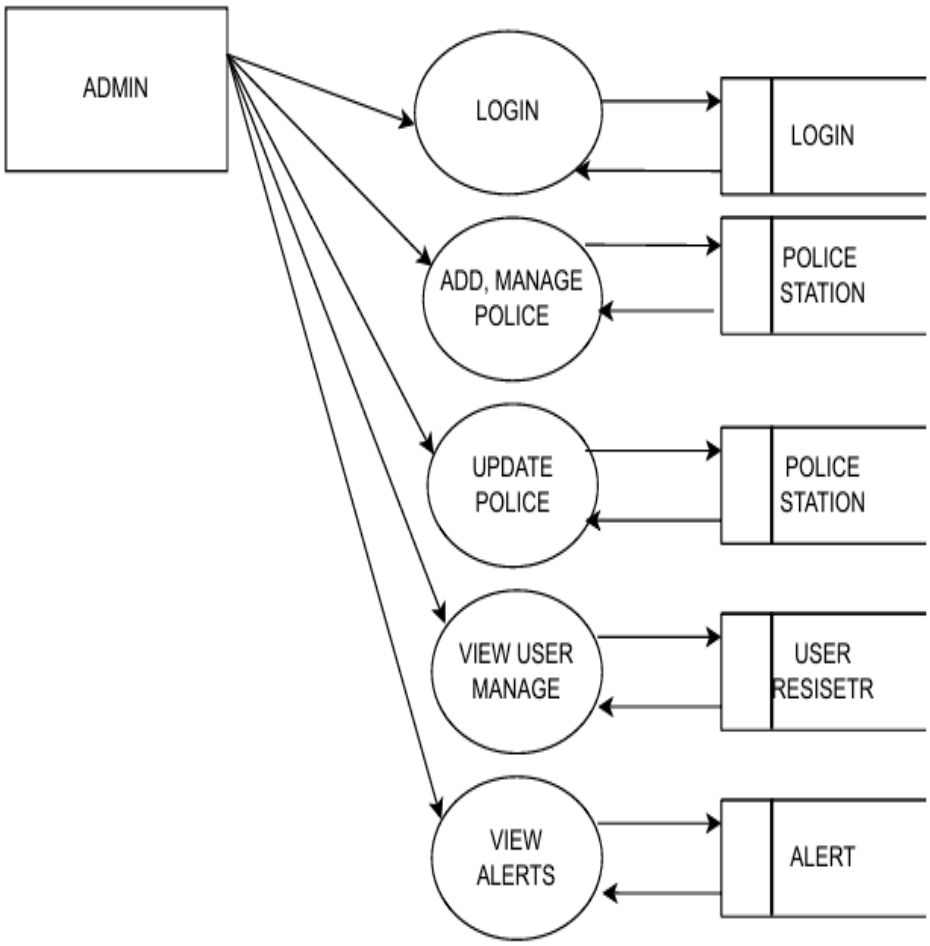
• Security: Ensure physical security of data.

3.2 DATA FLOW DIAGRAM

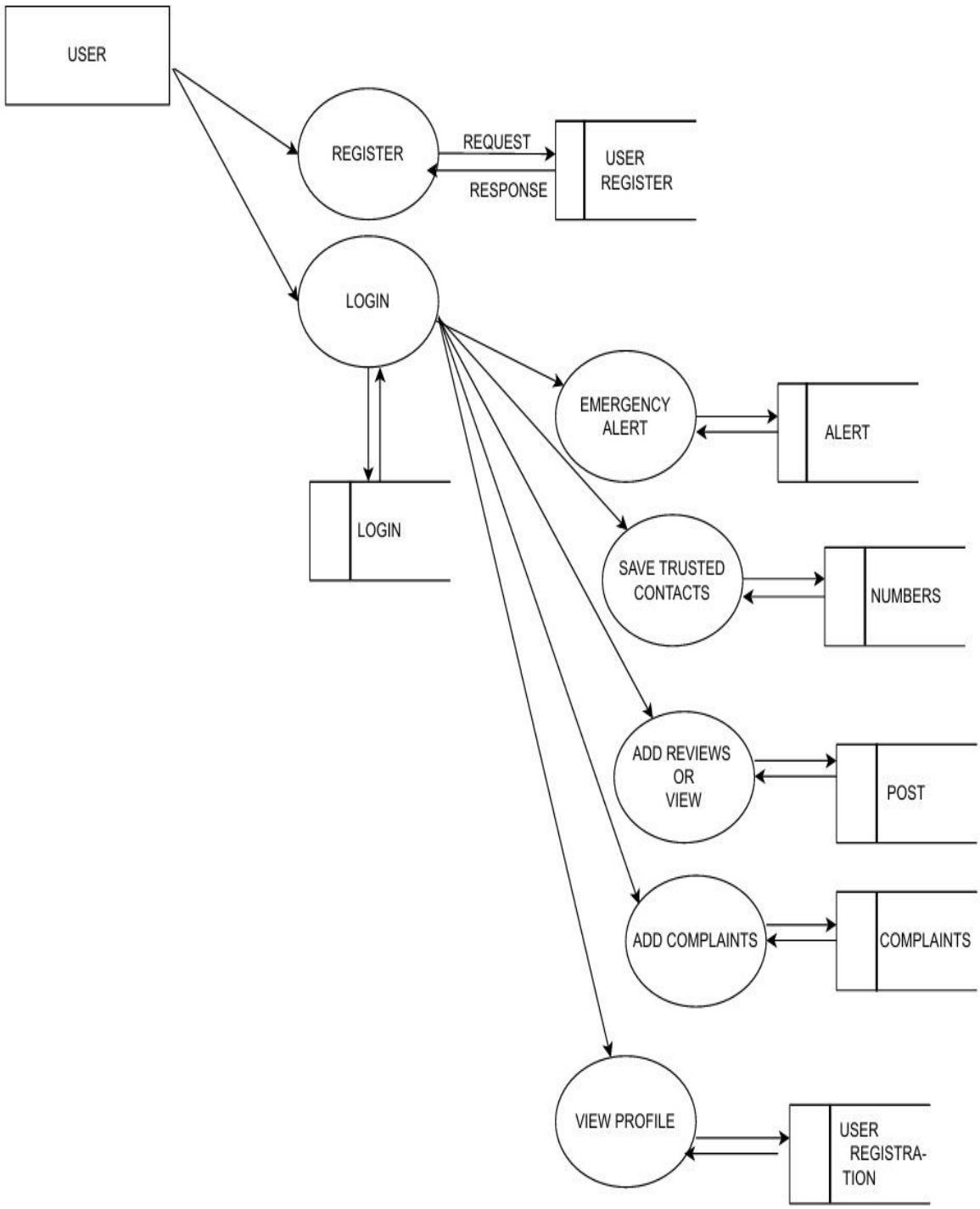
LEVEL 0:



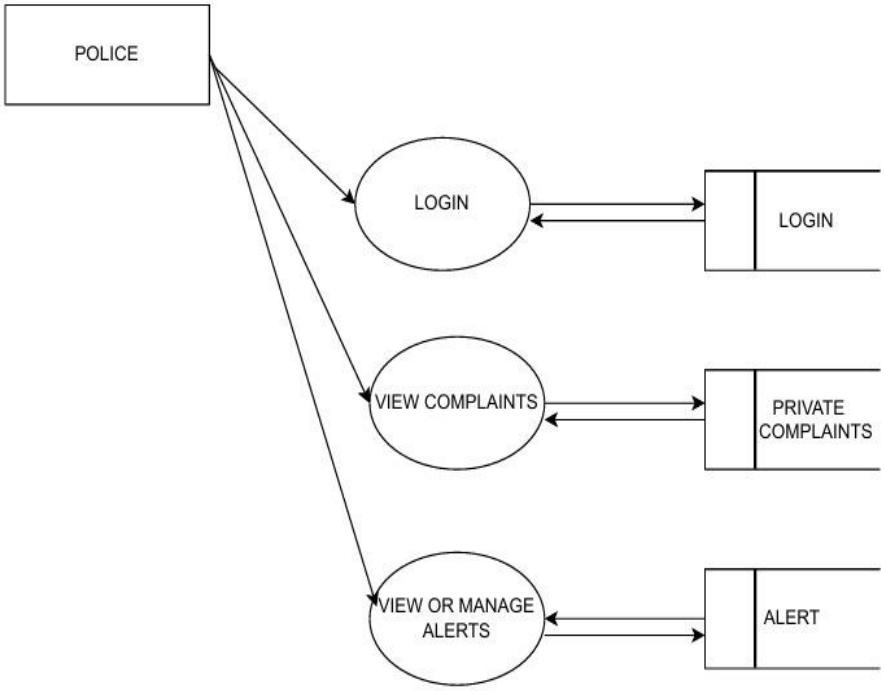
LEVEL 1: ADMIN



LEVEL 2: USER


USER
REGISTER
REQUEST
RESPONSE
USER REGISTER
LOGIN
LOGIN
EMERGENCY ALERT
ALERT
SAVE TRUSTED CONTACTS
NUMBERS
ADD REVIEWS OR VIEW
POST
ADD COMPLAINTS
COMPLAINTS
VIEW PROFILE
USER REGISTRA-TION

LEVEL 3: POLICE



3.3 DATABASE DESIGN

Database design, A most important part of the system design phase. In a database environment, data available are used by several users instead of each program managing its own data, authorized users share data across application with the database software managing the data as an entity. A database is a collection of interrelated data stored with minimum redundancy to serve many users quickly and efficiently. The general objective is to make information access easy, quick, inexpensive, and flexible for the users. The general theme behind a database is to integrate all information. Database design is recognized as a standard of management information system and is available virtually for every computer system.

TABLE DESIGN

Table 1: alert

Alert

FIELD	***TYPE***	***NULL***	***DEFAULT***
alert_id	***int(255)***	***No***	***NULL***
alert_user_id	***int(255)***	***Yes***	***NULL***
alert_adress	***varchar(255)***	***Yes***	***NULL***
alert_currentTime	***varchar(255)***	***Yes***	***NULL***
alert_callLogs	***varchar(2500)***	***Yes***	***NULL***
alert_lat	***varchar(500)***	***Yes***	***NULL***
alert_long	***varchar(500)***	***Yes***	***NULL***
alert_status	***varchar(500)***	***Yes***	***Admin***

Indexes:

Keyname	*Type*	*Unique*	*Packed*	*Field*	*Cardinality*	*Collation*	*Null*
PRIMARY	*BTREE*	*Yes*	*No*	*alert_id*	*45*	*A*	

TABLE 2: login

Field	*Type*	*Null*	*Default*
login_id	*int(50)*	*No*	
registration_id	*int(50)*	*Yes*	*NULL*
Email	*varchar(100)*	*Yes*	*NULL*
Password	*varchar(100)*	*Yes*	*NULL*
Type	*varchar(100)*	*Yes*	*NULL*
Status	*varchar(100)*	*Yes*	*NULL*

Indexes:

Keyname	*Type*	*Unique*	*Packed*	*Field*	*Cardinality*	*Collation*	*Null*
PRIMARY	*BTREE*	*Yes*	*No*	*login_id*	*6*	*A*	

TABLE 3: POLICE STATION

police_station

Field	*Type*	*Null*	*Default*
PS_ID	*int(255)*	*No*	
PS_NAME	*varchar(255)*	*Yes*	*NULL*
PS_CONTACT	*varchar(255)*	*Yes*	*NULL*
PS_ADDRESS	*varchar(500)*	*Yes*	*NULL*
PS_EMAIL	*varchar(255)*	*Yes*	*NULL*
PS_PASSWORD	*varchar(255)*	*Yes*	*NULL*
PS_STATION_OFFICER	*varchar(255)*	*Yes*	*NULL*
PS_ADDITIONAL_NOTES	*varchar(500)*	*Yes*	*NULL*
PS_STATUS	*varchar(255)*	*Yes*	*1*
Latitude	*varchar(255)*	*No*	
Longitude	*varchar(255)*	*No*	

Indexes:

Keyname	*Type*	*Unique*	*Packed*	*Field*	*Cardinality*	*Collation*	*Null*
PRIMARY	*BTREE*	*Yes*	*No*	*PS_ID*	*1*	*A*	

TABLE 4: POST

post

Field	*Type*	*Null*	*Default*
post_id	*int(255)*	*No*	
user_id	*int(255)*	*Yes*	*NULL*
post_rating	*varchar(255)*	*Yes*	*NULL*
post_description	*varchar(500)*	*Yes*	*NULL*
post_image	*Longblob*	*Yes*	*NULL*
post_status	*varchar(500)*	*Yes*	*public*
post_date_time	*varchar(500)*	*Yes*	*NULL*

Indexes:

Keyname	*Type*	*Unique*	*Packed*	*Field*	*Cardinality*	*Collation*	*Null*
PRIMARY	*BTREE*	*Yes*	*No*	*post_id*	*18*	*A*	

TABLE 5: PRIVATE COMPLAINT

private_complaints

Field	*Type*	*Null*	*Default*
complaint_id	*int(255)*	*No*	
Address	*varchar(1000)*	*Yes*	*NULL*
City	*varchar(500)*	*Yes*	*NULL*
Pincode	*varchar(500)*	*Yes*	*NULL*
Station	*varchar(255)*	*Yes*	*NULL*
Subject	*varchar(500)*	*Yes*	*NULL*

Field	Type	Null	Default
Complaint	varchar(1000)	Yes	NULL
user_id	int(255)	Yes	NULL
Status	varchar(255)	Yes	submited
cm_image	longblob	Yes	NULL

Indexes:

Keyname	Type	Unique	Packed	Field	Cardinality	Collation	Null
PRIMARY	BTREE	Yes	No	complaint_id	1	A	

TABLE 6: PROFILE PICTURE

profile_picure

Field	Type	Null	Default
picture_id	int(255)	No	
user_id	int(255)	Yes	NULL
picture_profile	Longblob	Yes	NULL

Indexes:

Keyname	Type	Unique	Packed	Field	Cardinality	Collation	Null
PRIMARY	BTREE	Yes	No	picture_id	9	A	

TABLE 7: USER REGISTRATION

user_register

Field	*Type*	*Null*	*Default*
user_id	*int(255)*	*No*	
user_name	*varchar(500)*	*Yes*	*NULL*
user_email	*varchar(500)*	*Yes*	*NULL*
user_mobile	*varchar(500)*	*Yes*	*NULL*
user_dob	*varchar(500)*	*Yes*	*NULL*
user_address	*varchar(500)*	*Yes*	*NULL*
user_gender	*varchar(500)*	*Yes*	*NULL*
user_date_of_join	*varchar(500)*	*Yes*	*NULL*

Indexes:

Keyname	*Type*	*Unique*	*Packed*	*Field*	*Cardinality*	*Collation*	*Null*
PRIMARY	*BTREE*	*Yes*	*No*	*user_id*	*4*	*A*	

4.SYSTEM DEVELOPMENT

4.1 INTRODUCTION

Modular programming is a software design technique that emphasizes separating the functionality of a program into independent, interchangeable modules, such that each contains everything necessary to execute only one aspect of the desired functionality. Conceptually, modules represent a separation of concerns and improve maintainability by enforcing logical boundaries between components.

4.2 PROCESS DESCRIPTION

- **ADMIN:** This module manages the overall activities of the system. It manages the police stations, can view reviews, handle alert procedures.
    - **Login**
        - **Manage user**
        - **Add police station**
        - **Handle Alert**
        - **Can contact the endangered person**
        - **Pass alert to police**
        - **Can update police station**

- **USER**: This module allows user to explore places and can post the destinations they went to. In this module user can explore the safety features set by this app.
    - **REGISTER**
        - **User should enter the essential information to register**
    - **LOGIN**
        - After login user can add as many trusted contacts as possible they want.
        - The user can click the panic button in case of emergency. After clicking the panic button, a message with the current location will be send to trusted contact which is sabed by user itself.
        - The user can upload pictures of the destinations they went to.
        - Can also add reviews of the location they went to.

- Can add complaint about incident or situations with photographs related to it.
- Can view the status of the complaints.

- **POLICE: This module provides police services; police can lend a hand to or help out**

  - can view complaints
  - track the endangered person

5. SYSTEM TESTING & IMPLIMENTATION

5.1 INTRODUCTION

App testing is a critical element of app quality assurance and represent the ultimate review of the specification, design, and coding. System testing makes a logical assumption that all parts of the system is correct; the goal will be successfully achieved. Implementation allows the users to take over its operation for use and evaluation. Maintenance changes the existing system, enhancement adds features to the existing system, and development replaces the existing system.

SYSTEM IMPLEMENTATION

Implementation phase is the phase, which involves the process of converting a new system design into an operational one. It is the key stage in achieving a successful new system. Implementation is the stage if the project, where the theoretical design is turned into a working system. At this stage the main workload, the greatest up heal and the major impact on existing practices shift to user department. If the implementation stage is not planned and controllers carefully, it can cause chaos. The implementation stage is a system project. It involves careful planning, investigation of the current system and its constraints on the implementation, design methods to achieve the changeover procedures, and evaluation of change over methods. The implementation plan consists of the following steps:

- Testing the developed system with the sample data.
- Detection and correction of errors.
- Making necessary changes in the system.
- Training and involvement of user personnel.
- Installation of software utilities.

5.2 DEBUGGING

5.2.1 BLACK BOX TESTING: Black-box testing is a type of software testing in which the tester is not connected with the internal knowledge or implementation details of the software, but rather validating the functionality based on the provided specifications or requirements.

5.2.2 WHITE BOX TESTING White box testing techniques analyse the internal structures the used data structures, internal design, code structure, and the working of the software rather than just the functionality as in black box testing. It is also called glass box testing or clear box testing or structural testing. It is used to test the software's internal logic, flow, and structure. The tester creates test cases to examine the code paths and logic flows to ensure they meet the specified requirements.

5.2.3 SYSTEM SECURITY: As technology advances, application environment become more complex and application development security becomes more challenging. Applications, systems, and networks are constantly under various security attacks such as malicious code or denial of service. Some of the challenges from the application development security point of view include Viruses, Trojan horses, Logic bombs, Worms, and Agent. As an addition this application is stored encrypted in the database, so the user gets more reliable to its robustness. Security testing is essential for software that processes confidential data to prevent system intrusion by hackers.

5.2.4 SCOPE FOR FUTURE ENHANCEMENT:

In future, many enhancements can be made some of them include:

- Stay updated with emerging web technologies for potential upgrades.
- We can upgrade our application to make it more user friendly.
- Users can register their complaints to the police stations directly.

6. CONCLUSION

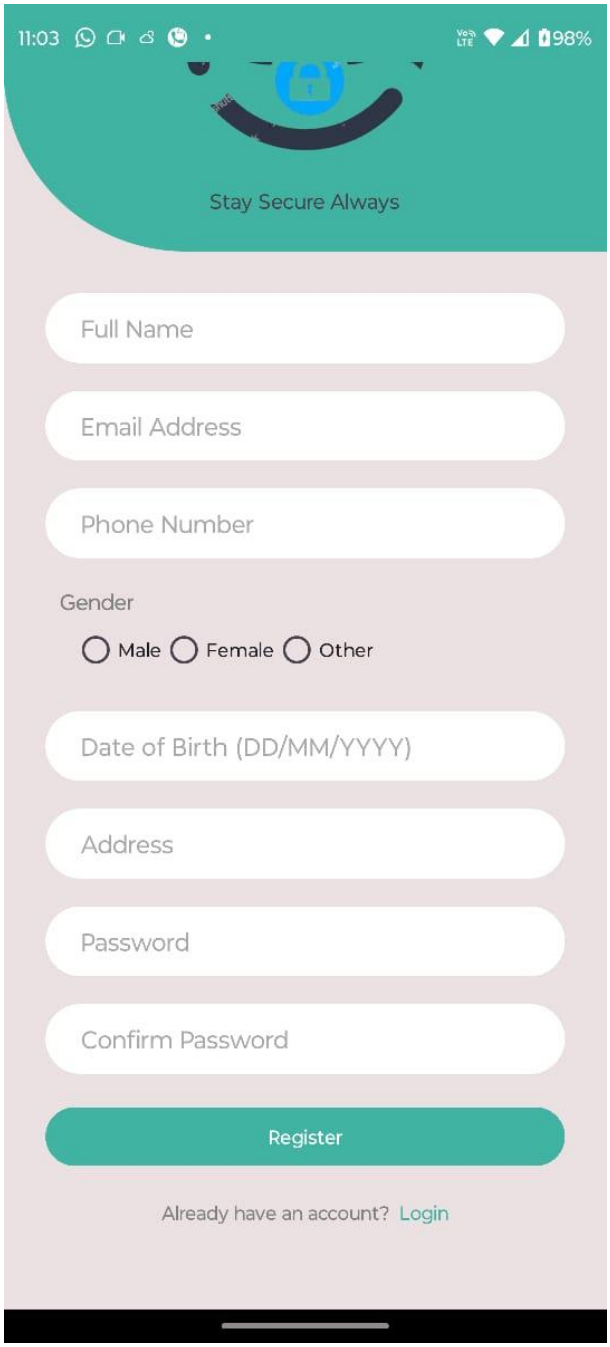
CONCLUSION

Concluding, Human Security app ensures safety of individuals in numerous ways by introducing emergency alerts helping them to reach out legal help efficiently. The system is developed in user friendly manner. Fast processing and immediate results with high security. Hence human security app with multiple options can serve as a vital tool for personal safety,offering immediate assistance in dangerous situations. By integrating features like panic buttons , current location access we can ensures safety of an individual in an emergency situation

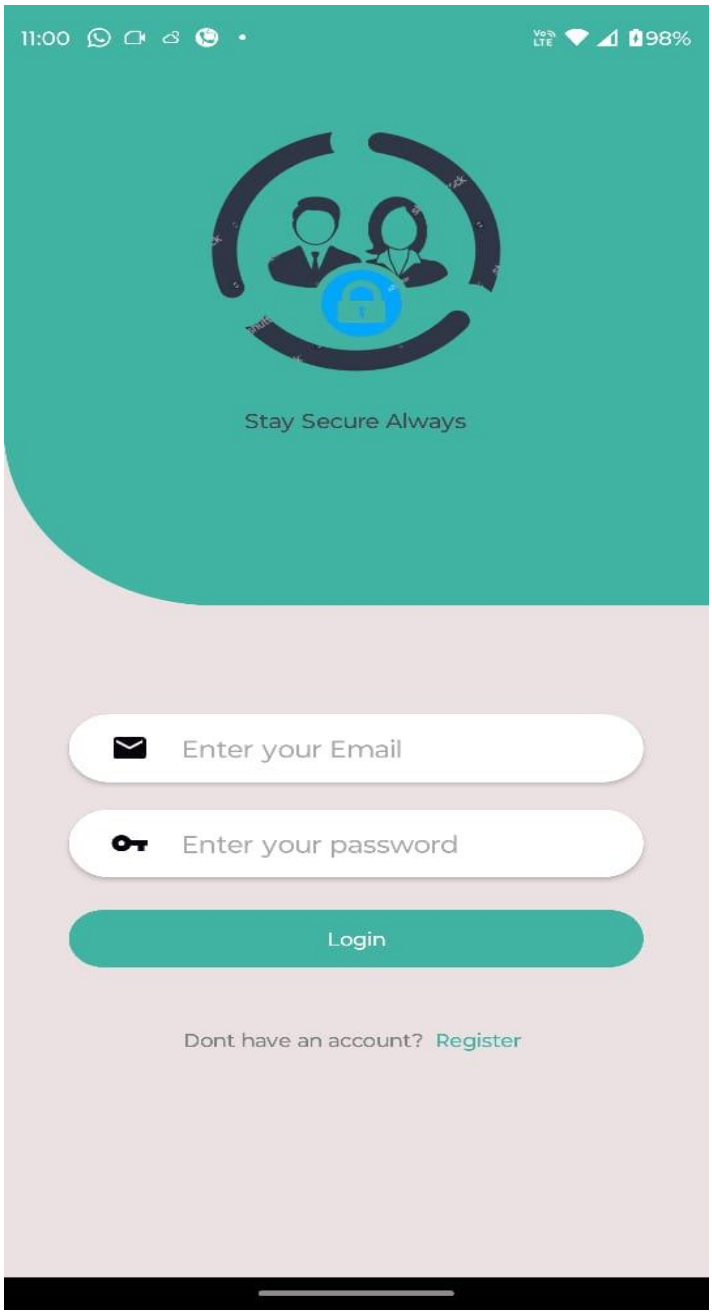
7. APPENDIX

7.1 INPUT AND OUTPUT SCREEN:

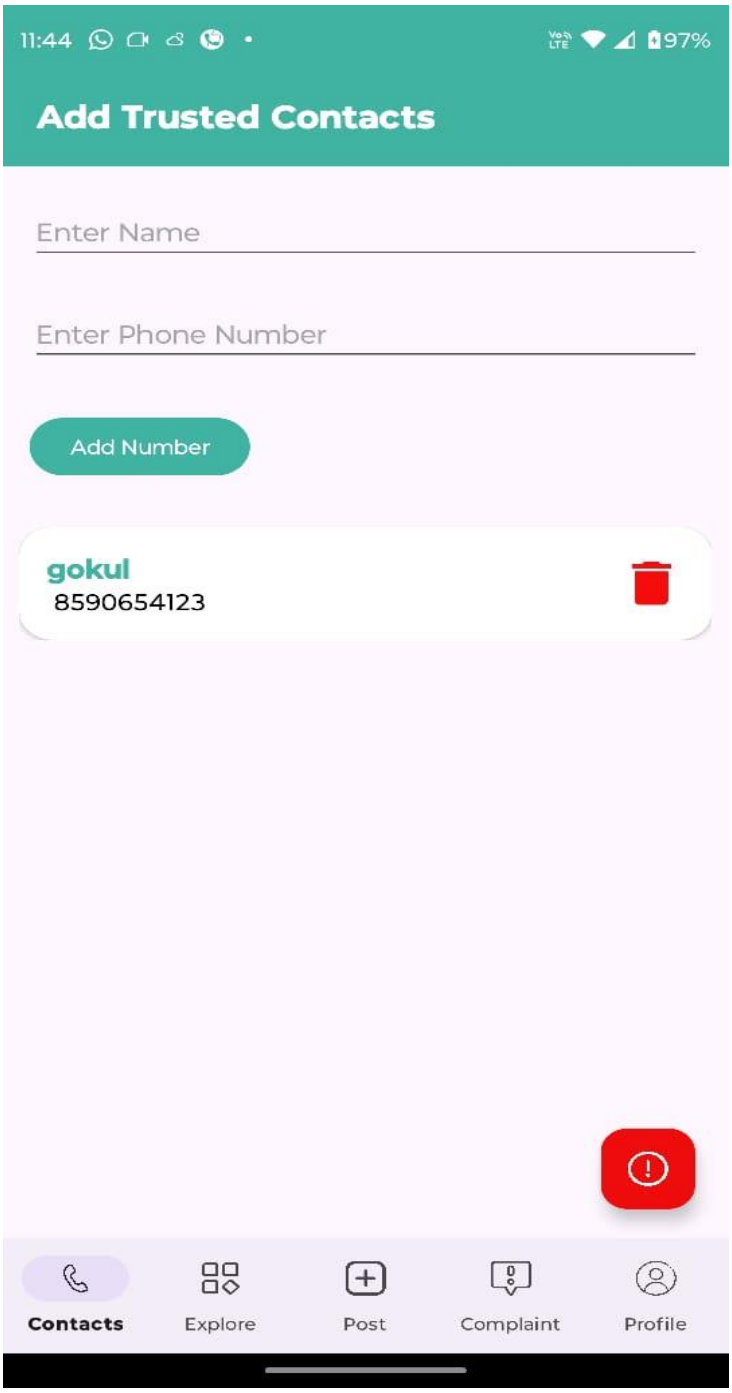
REGISTER PAGE:



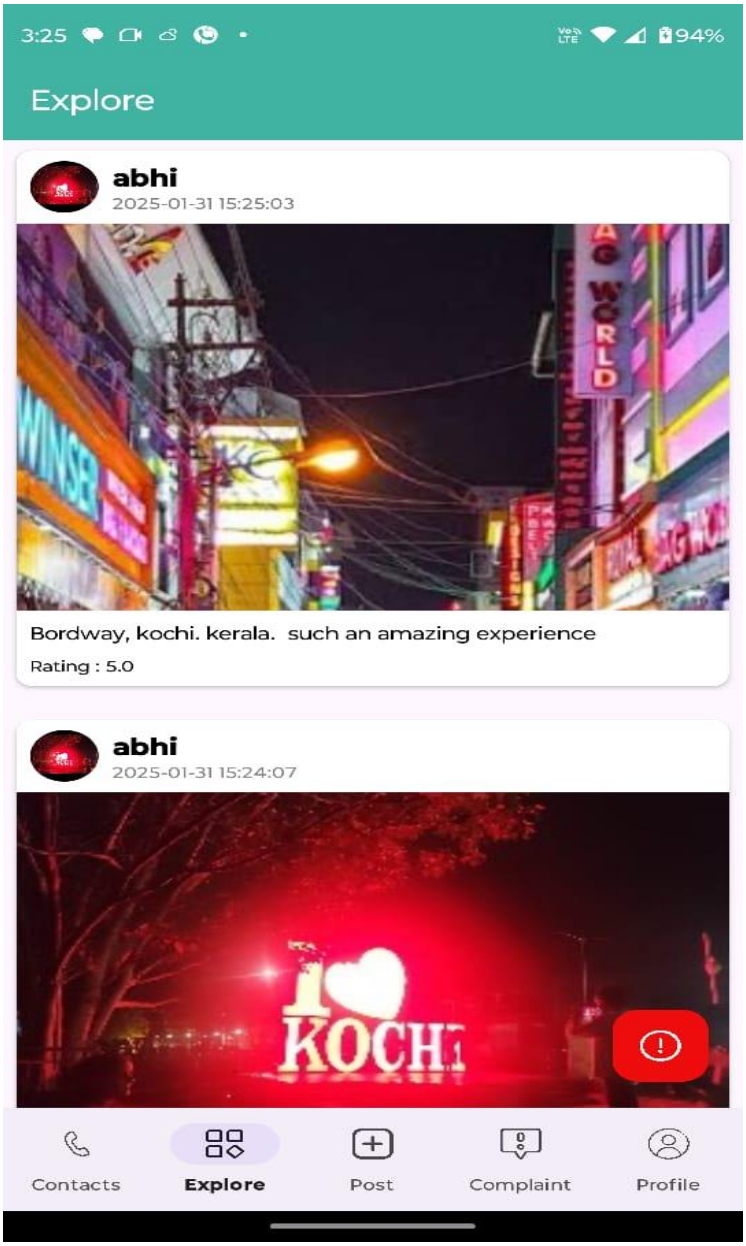
LOGIN PAGE:


11:00
98%
Stay Secure Always
Enter your Email
Enter your password
Login
Dont have an account? Register

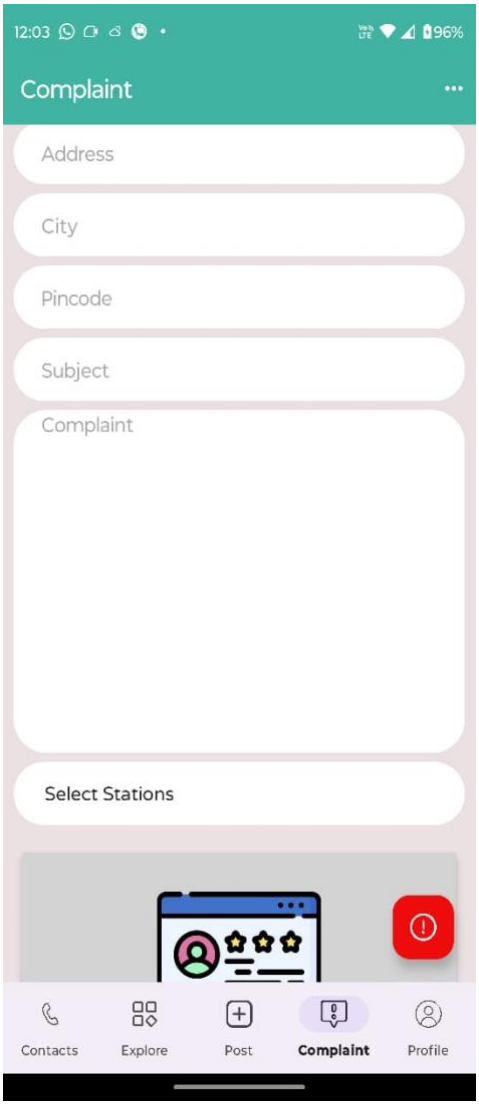
CONTACTS ADDING:

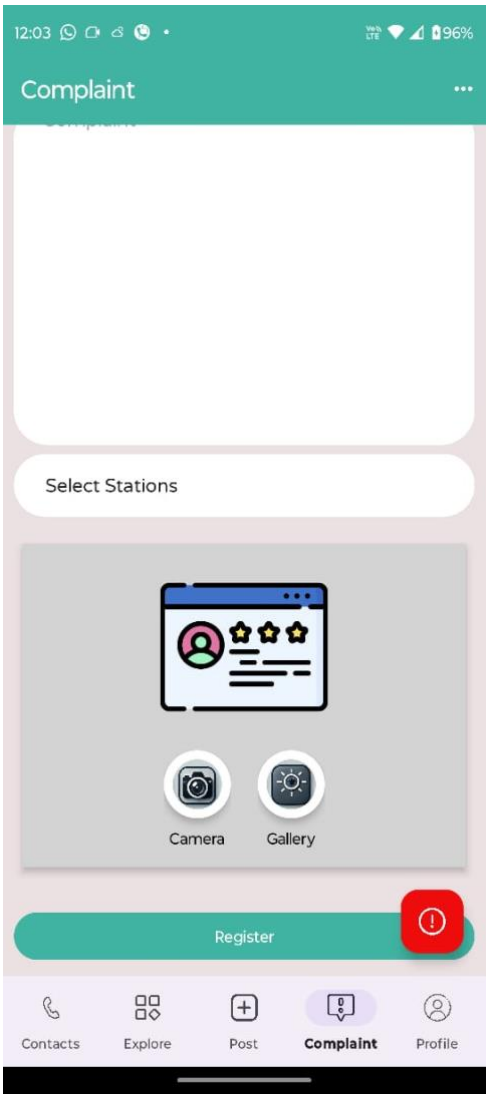


EXPLORE PAGE:

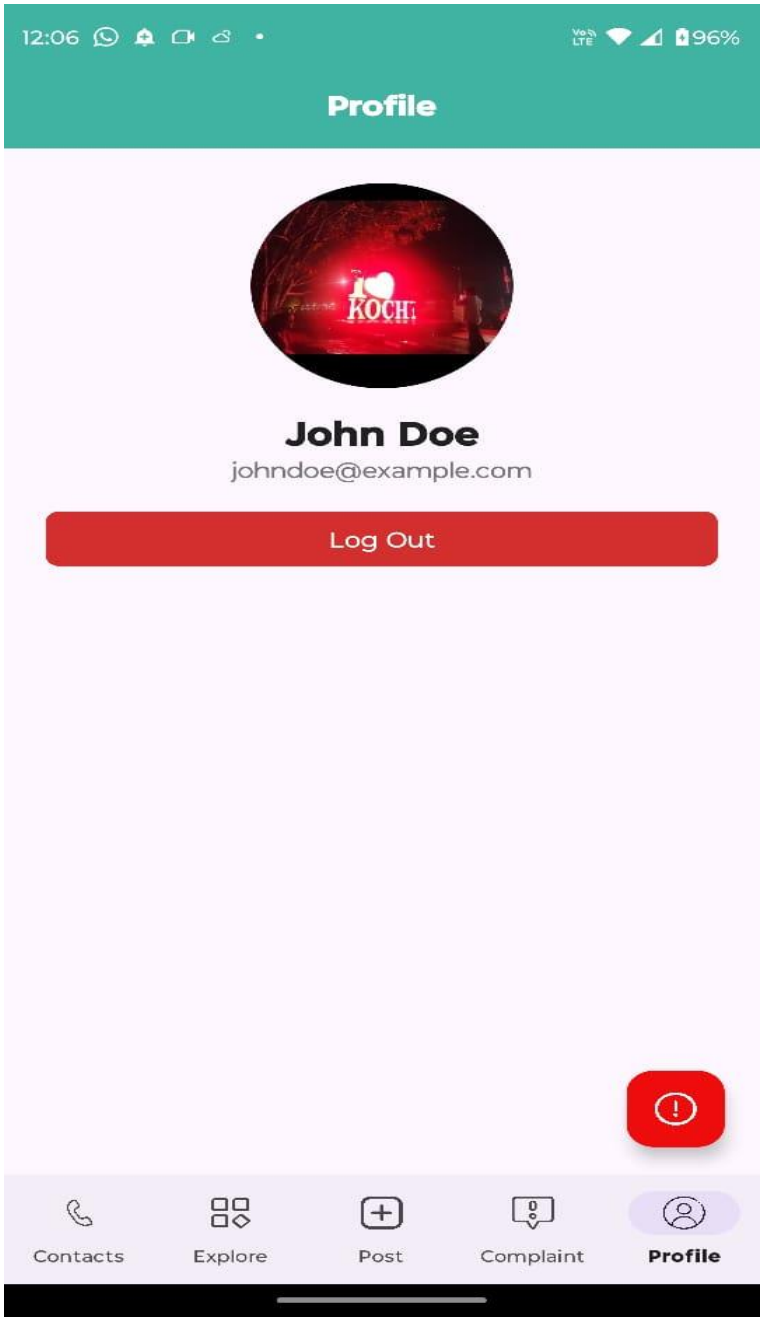


COMPLAINT:

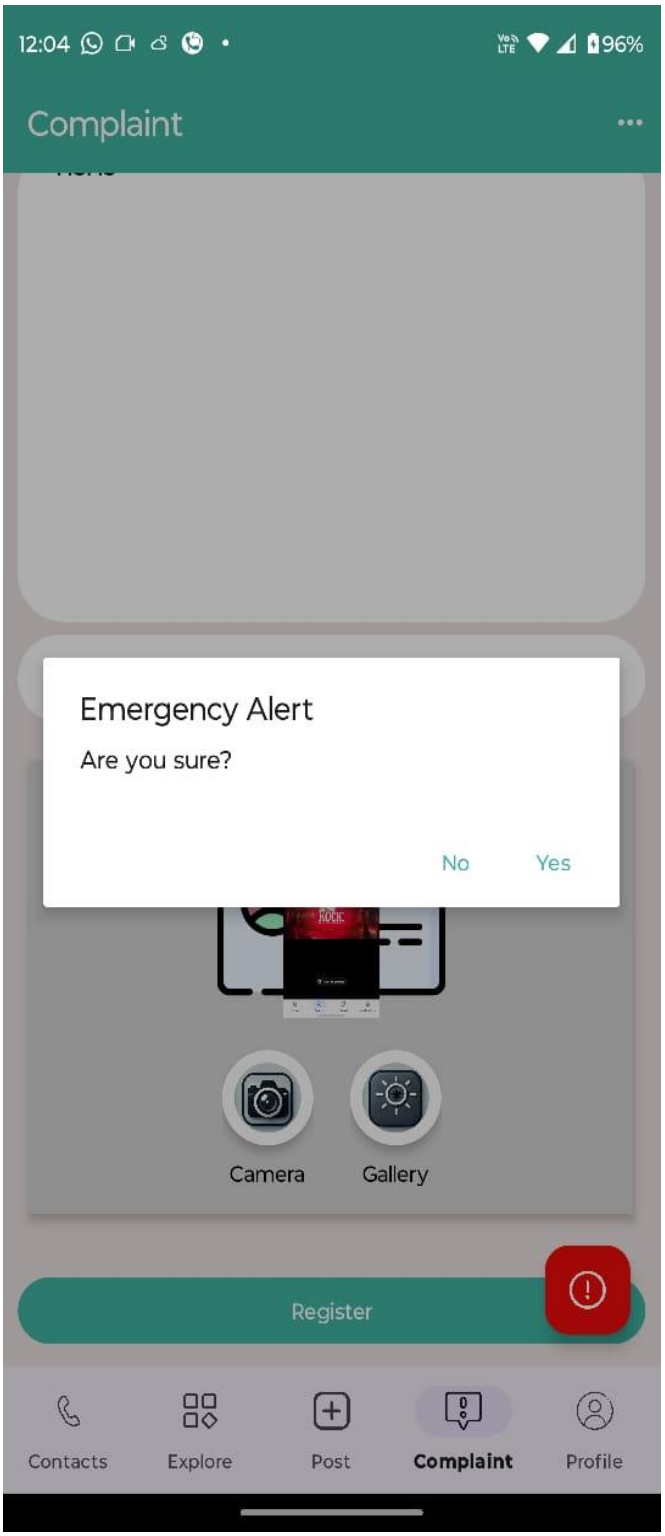

12:03
96%
Complaint
Address
City
Pincode
Subject
Complaint
Select Stations
Contacts
Explore
Post
Complaint
Profile


12:03
96%
Complaint
Select Stations
Camera
Gallery
Register
Contacts
Explore
Post
Complaint
Profile

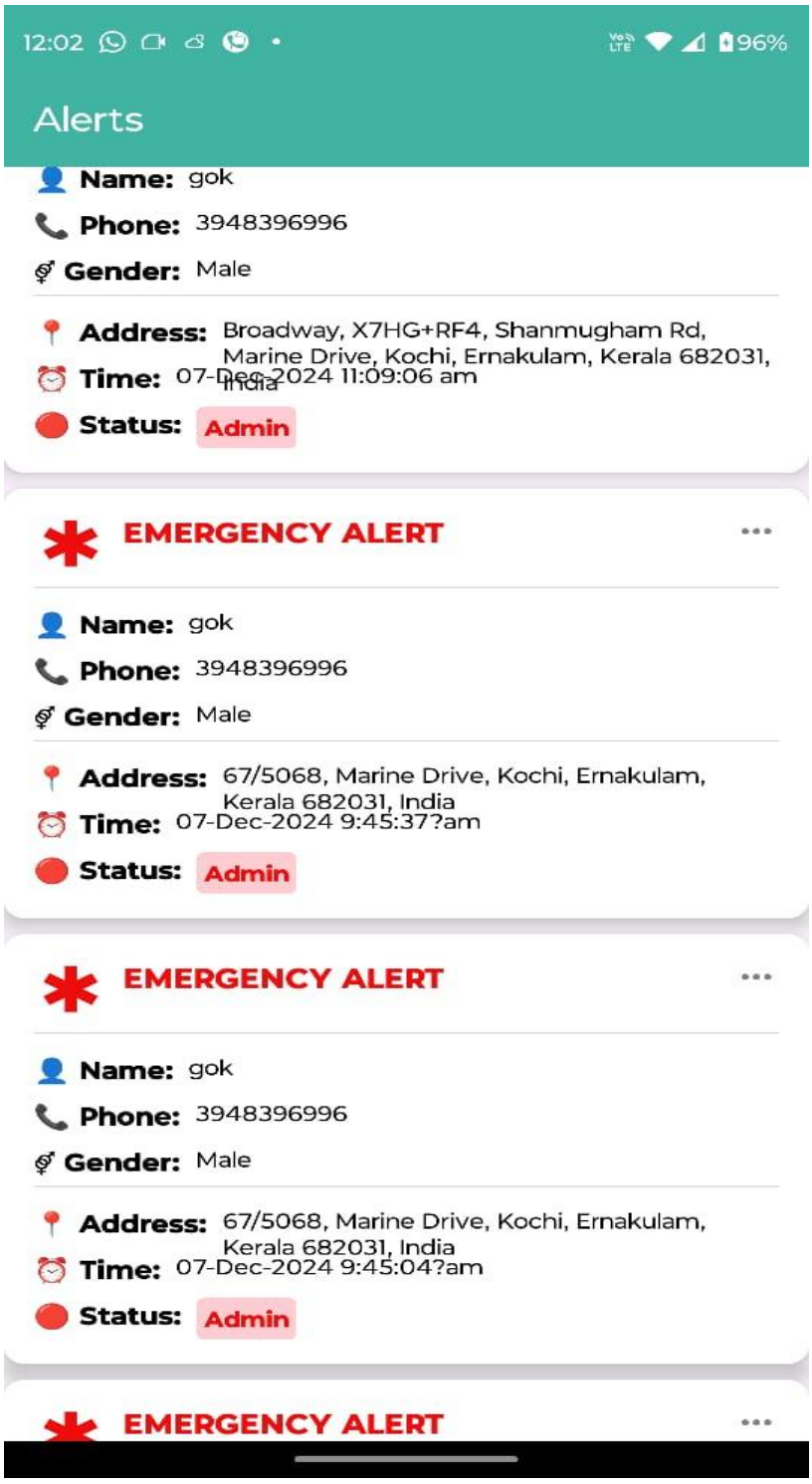
PROFILE:


12:06
96%
Profile
KOCHI
John Doe
johndoe@example.com
Log Out
Contacts
Explore
Post
Complaint
Profile

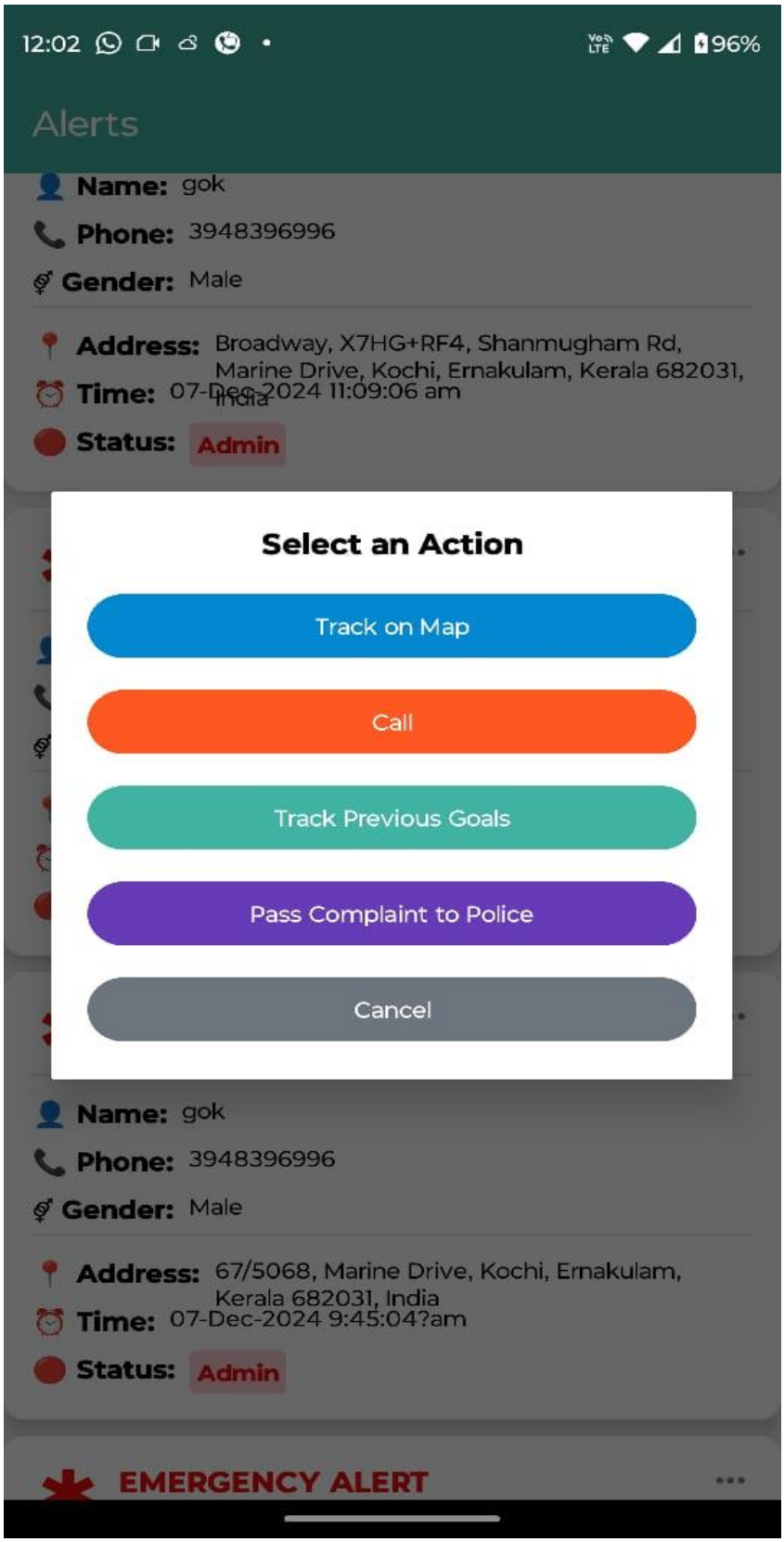
PANIC BUTTON:



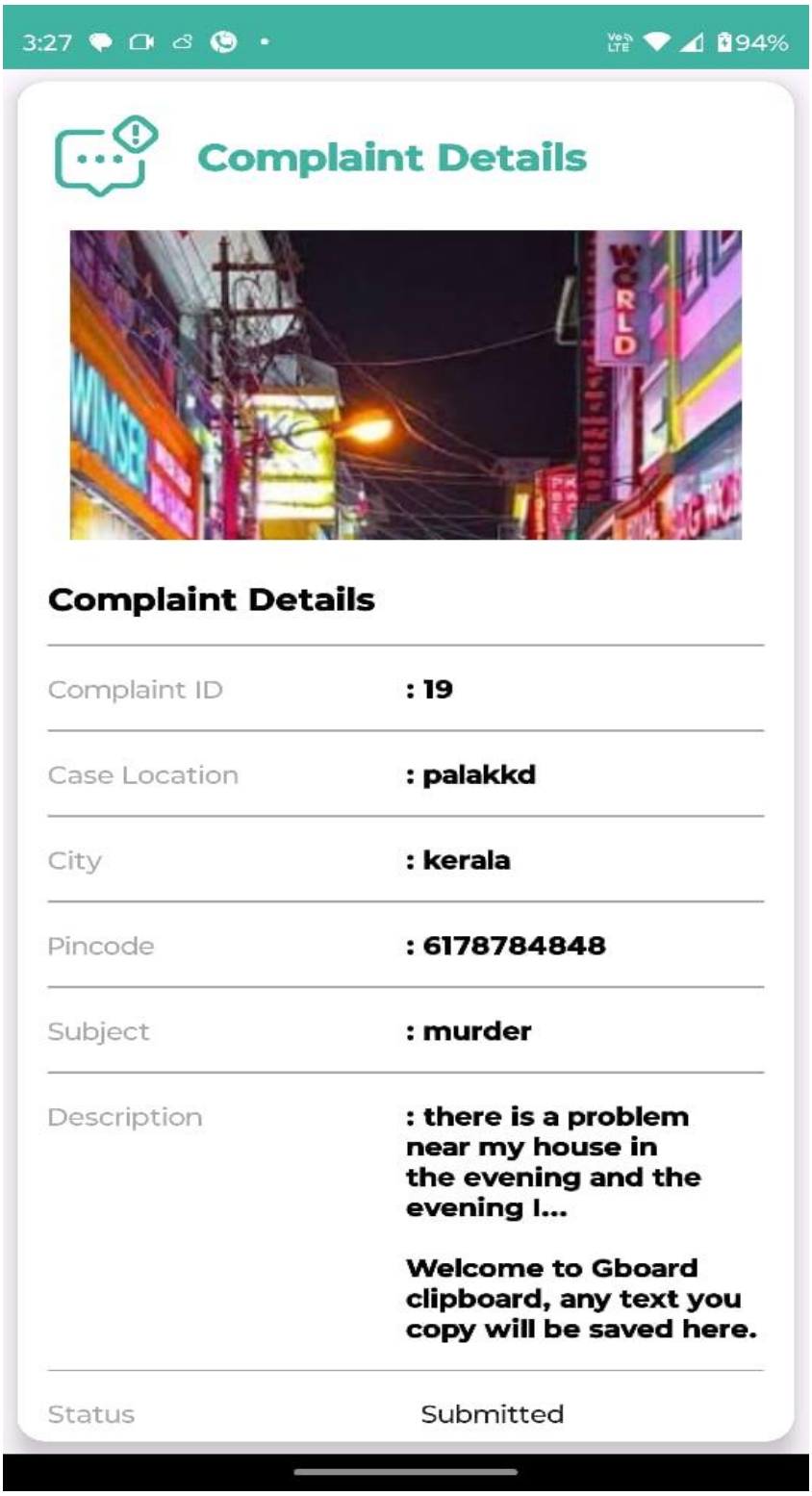
ALERTS:


12:02
96%
Alerts
Name: gok
Phone: 3948396996
Gender: Male
Address: Broadway, X7HG+RF4, Shanmugham Rd, Marine Drive, Kochi, Ernakulam, Kerala 682031, India
Time: 07-Dec-2024 11:09:06 am
Status: Admin
EMERGENCY ALERT
Name: gok
Phone: 3948396996
Gender: Male
Address: 67/5068, Marine Drive, Kochi, Ernakulam, Kerala 682031, India
Time: 07-Dec-2024 9:45:37?am
Status: Admin
EMERGENCY ALERT
Name: gok
Phone: 3948396996
Gender: Male
Address: 67/5068, Marine Drive, Kochi, Ernakulam, Kerala 682031, India
Time: 07-Dec-2024 9:45:04?am
Status: Admin
EMERGENCY ALERT

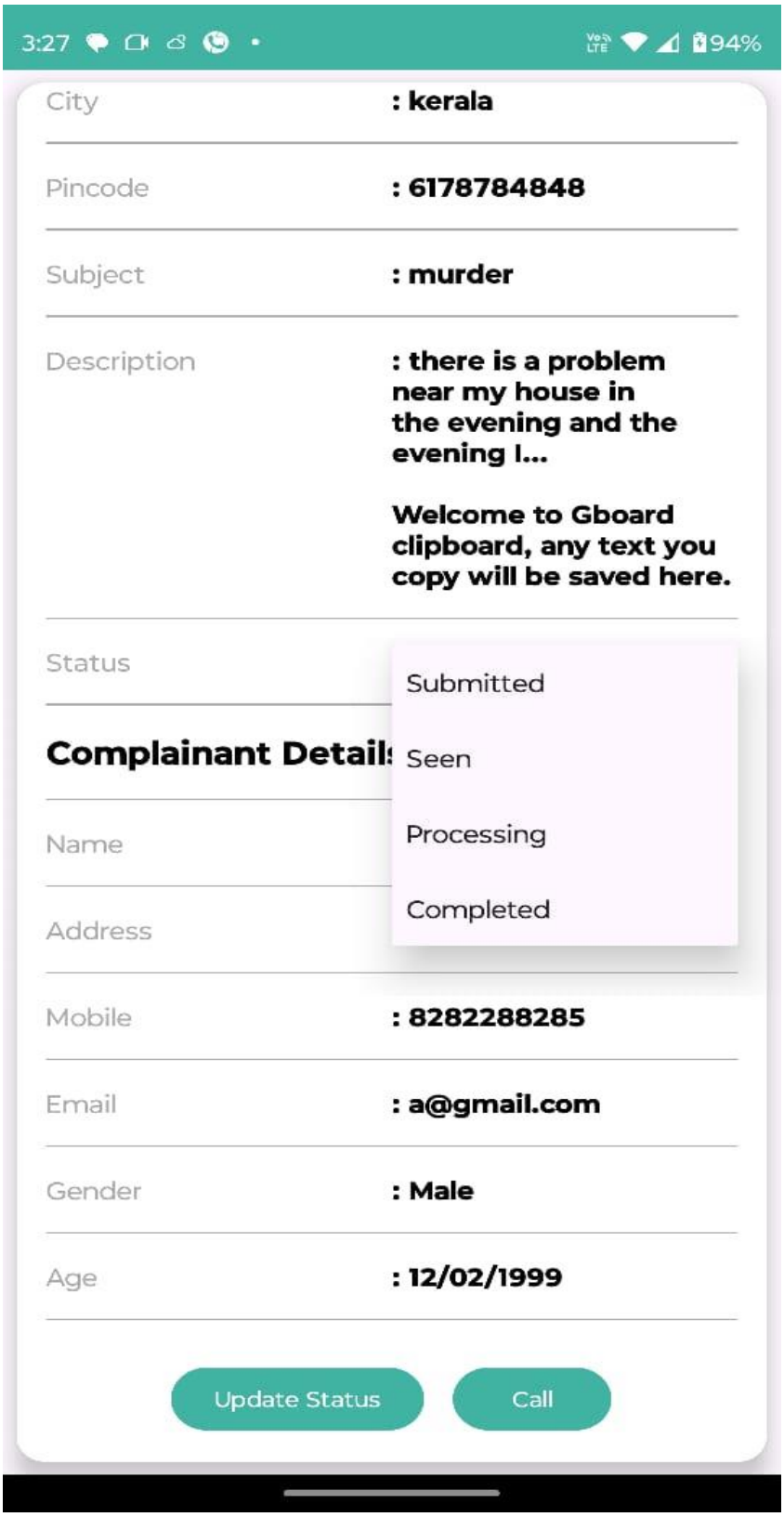
ACTION AFTER ALERT:



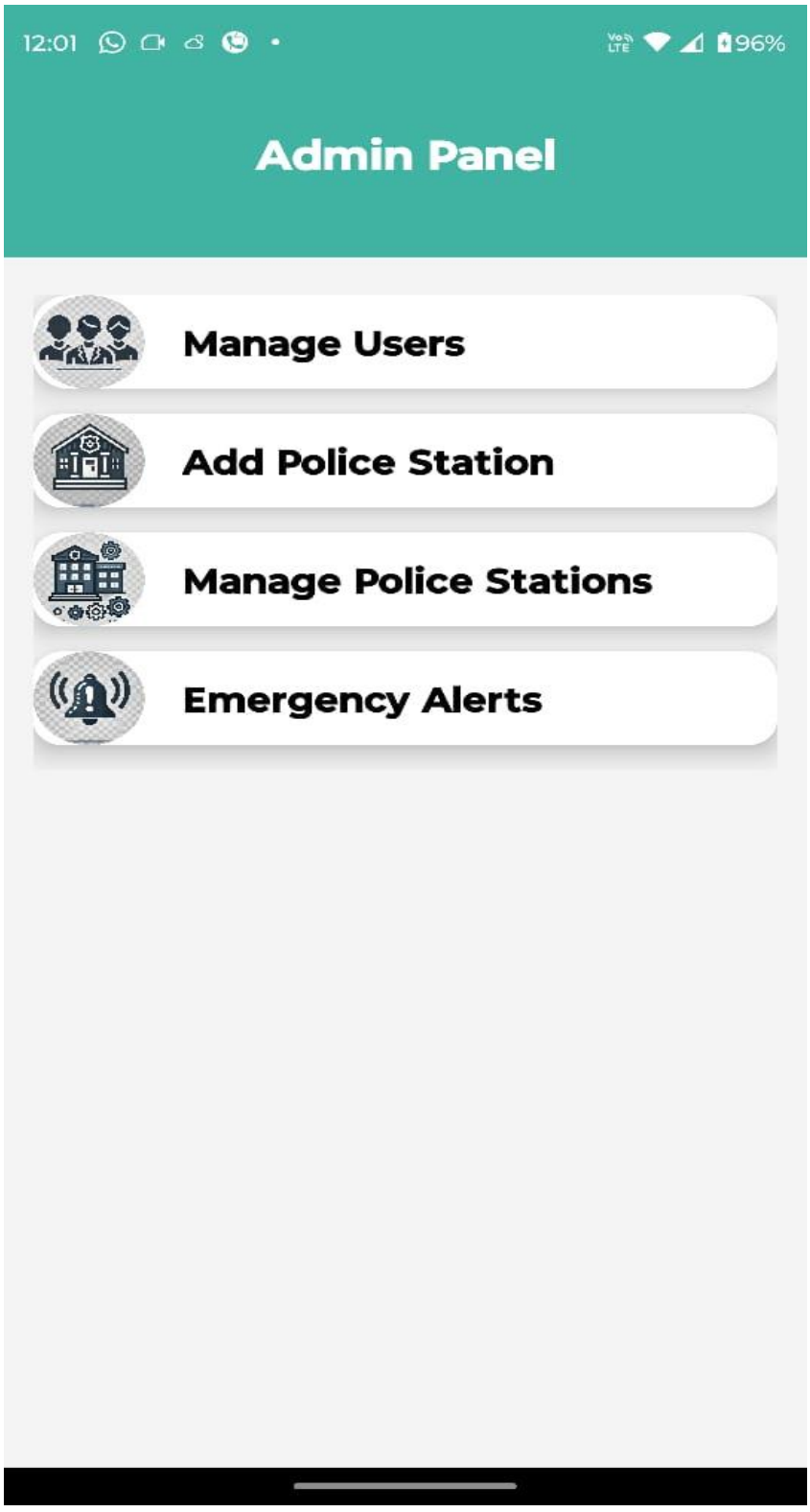
COMPLAONT DETAILS:



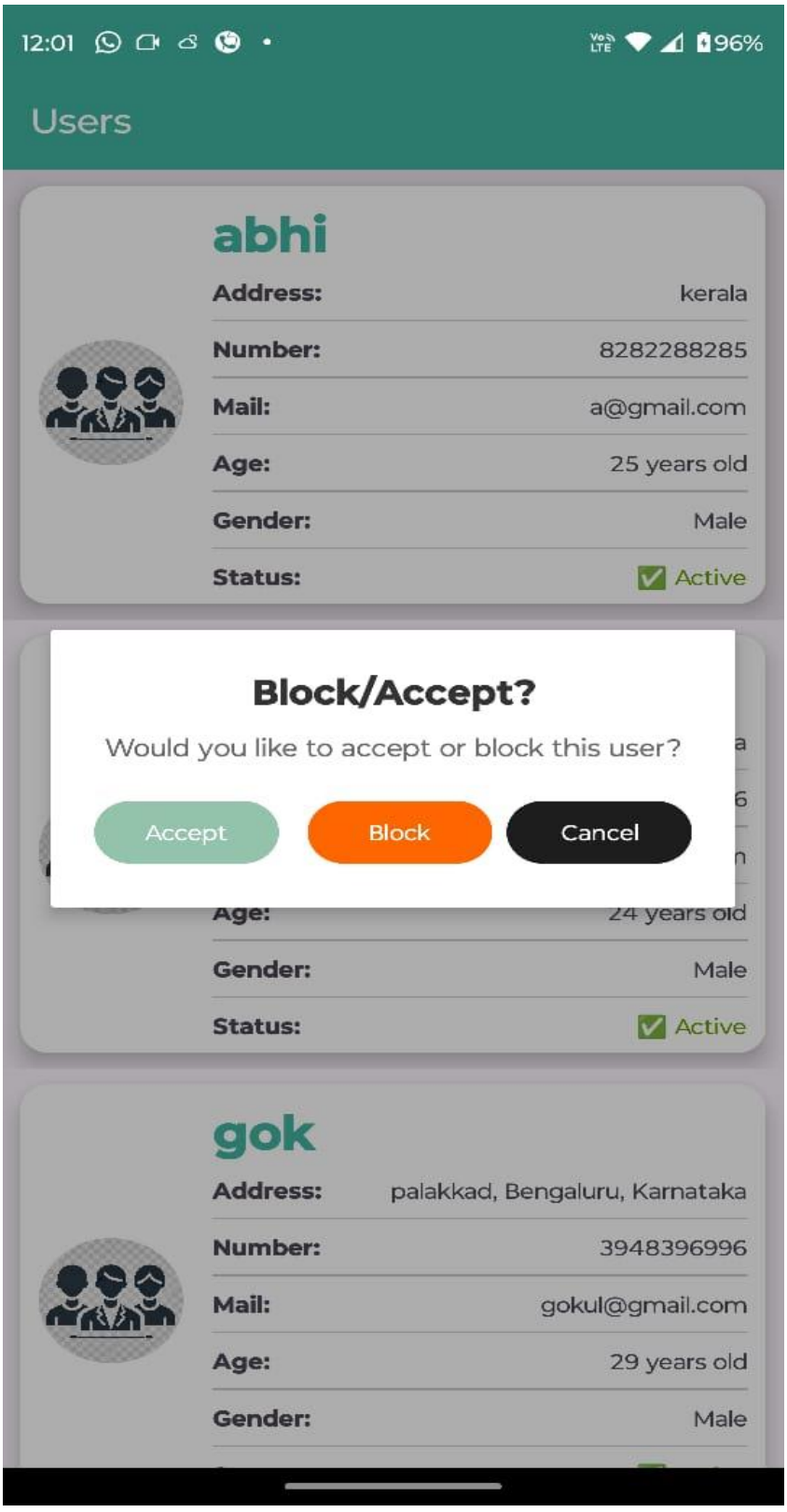
COMPLAINT UPDATION:



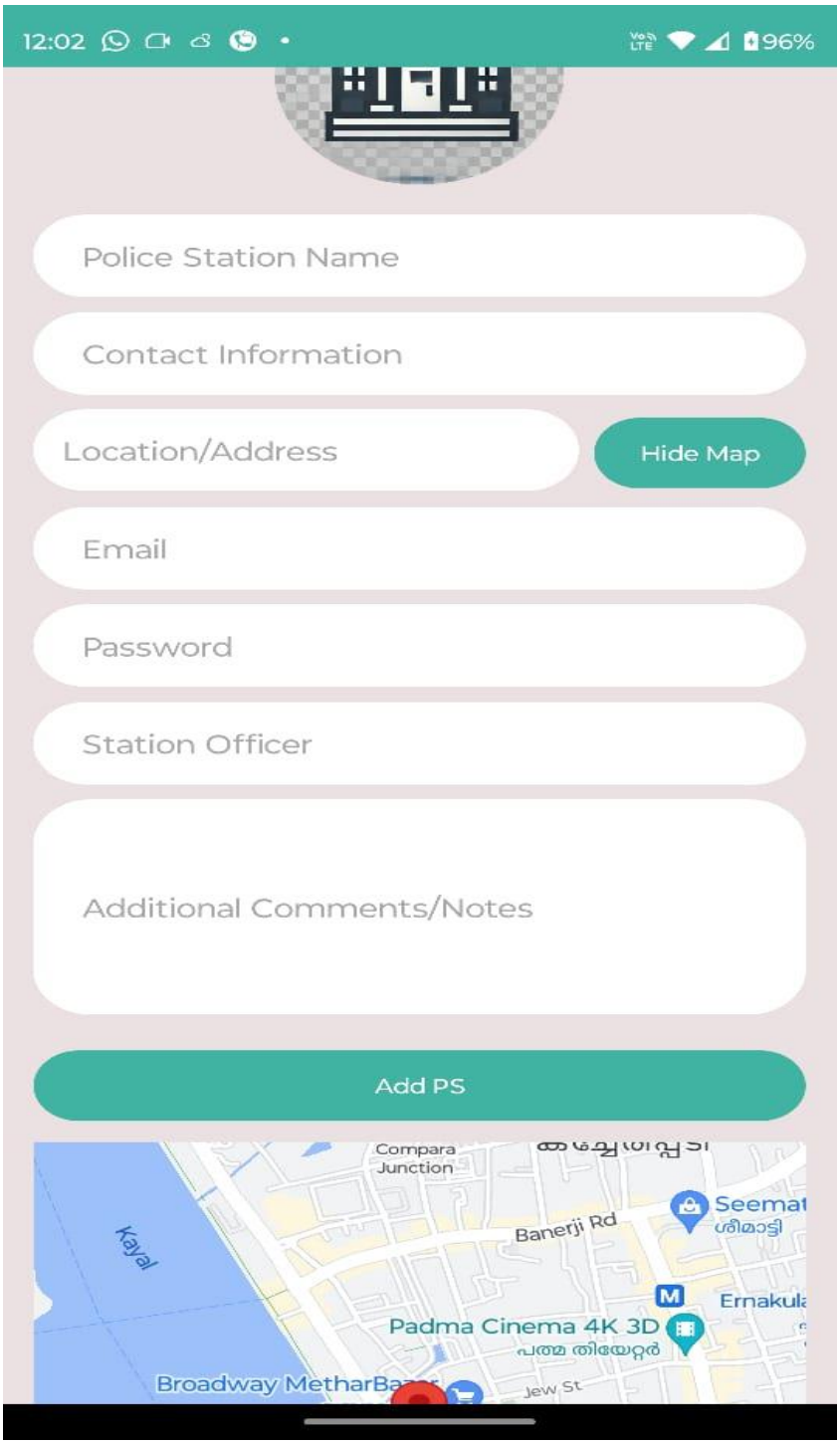
ADMIN:


12:01
96%
Admin Panel
Manage Users
Add Police Station
Manage Police Stations
Emergency Alerts

MANAGE USERS:



ADD POLICE STATION:



7.2 SAMPLE CODE

REGISTRATION CODE:

```
<?xml version="1.0" encoding="utf-8"?>
<ScrollView xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="#EEEBE0E0"
    android:orientation="vertical"
  >

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="vertical"
        android:layout_gravity="top">

        <!-- Header with Logo -->

        <!-- Registration Fields -->

        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="300dp"
            android:layout_gravity="top"
            android:background="@drawable/layout_ic"
            android:orientation="vertical">
```

```
    <ImageView
        android:layout_width="224dp"
        android:layout_height="203dp"
        android:layout_gravity="center"
        android:layout_marginTop="30dp"
        android:src="@drawable/logo_human_securuity_final" />

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_gravity="center_horizontal"
        android:layout_marginTop="20dp"
        android:text="Stay Secure Always"
        android:textSize="15dp" />

</LinearLayout>

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"

    android:orientation="vertical"
    android:padding="10dp">

    <EditText
        android:id="@+id/reg_name"
        android:layout_width="match_parent"
        android:layout_height="50dp"
        android:layout_marginLeft="20dp"
```

```
    android:layout_marginTop="20dp"
    android:layout_marginRight="20dp"
    android:background="@drawable/roundededittext"
    android:drawablePadding="20dp"
    android:hint="Full Name"
    android:paddingLeft="25dp" />

<EditText
    android:id="@+id/reg_email"
    android:layout_width="match_parent"
    android:layout_height="50dp"
    android:layout_marginLeft="20dp"
    android:layout_marginTop="20dp"
    android:layout_marginRight="20dp"
    android:background="@drawable/roundededittext"
    android:drawablePadding="20dp"
    android:hint="Email Address"
    android:inputType="textEmailAddress"
    android:paddingLeft="25dp" />

<EditText
    android:id="@+id/reg_phone"
    android:layout_width="match_parent"
    android:layout_height="50dp"
    android:layout_marginLeft="20dp"
    android:layout_marginTop="20dp"
    android:layout_marginRight="20dp"
    android:background="@drawable/roundededittext"
    android:drawablePadding="20dp"
    android:hint="Phone Number"
```

```
    android:inputType="phone"
    android:maxLength="10"
    android:paddingLeft="25dp" />


<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginLeft="30dp"
    android:layout_marginTop="20dp"
    android:text="Gender"
    android:textColor="#808080"
    android:textSize="16sp" />

<RadioGroup
    android:id="@+id/reg_gender_group"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginLeft="40dp"
    android:layout_marginRight="20dp"
    android:orientation="horizontal">

    <RadioButton
        android:id="@+id/reg_gender_male"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Male" />

    <RadioButton
        android:id="@+id/reg_gender_female"
```

```
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Female" />

    <RadioButton
        android:id="@+id/reg_gender_other"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Other" />
</RadioGroup>

<EditText
    android:id="@+id/reg_dob"
    android:layout_width="match_parent"
    android:layout_height="50dp"
    android:layout_marginLeft="20dp"
    android:layout_marginTop="20dp"
    android:layout_marginRight="20dp"
    android:background="@drawable/roundededittext"

    android:drawablePadding="20dp"
    android:hint="Date of Birth (DD/MM/YYYY)"
    android:inputType="date"
    android:paddingLeft="25dp" />

<EditText
    android:id="@+id/reg_address"
    android:layout_width="match_parent"
    android:layout_height="50dp"
    android:layout_marginLeft="20dp"
```

```
    android:layout_marginTop="20dp"
    android:layout_marginRight="20dp"
    android:background="@drawable/roundededittext"

    android:drawablePadding="20dp"
    android:hint="Address"
    android:inputType="textPostalAddress"
    android:paddingLeft="25dp" />

<EditText
    android:id="@+id/reg_password"
    android:layout_width="match_parent"
    android:layout_height="50dp"
    android:layout_marginLeft="20dp"
    android:layout_marginTop="20dp"
    android:layout_marginRight="20dp"
    android:background="@drawable/roundededittext"
    android:drawablePadding="20dp"
    android:hint="Password"
    android:inputType="textPassword"
    android:paddingLeft="25dp" />

<EditText
    android:id="@+id/reg_confirm_password"
    android:layout_width="match_parent"
    android:layout_height="50dp"
    android:layout_marginLeft="20dp"
    android:layout_marginTop="20dp"
    android:layout_marginRight="20dp"
    android:background="@drawable/roundededittext"
```

```
    android:drawablePadding="20dp"
    android:hint="Confirm Password"
    android:inputType="textPassword"
    android:paddingLeft="25dp" />

<!-- Register Button -->
<Button
    android:id="@+id/reg_btn"
    android:layout_width="match_parent"
    android:layout_height="50dp"
    android:layout_margin="20dp"
    android:backgroundTint="@color/myPrimary"
    android:text="Register"
    android:textColor="@android:color/white" />

<!-- Link to Login Page -->
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginBottom="50dp"
    android:gravity="center_horizontal"
    android:orientation="horizontal">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Already have an account?  "
        android:textColor="#808080" />

    <TextView
```

```
            android:id="@+id/reg_login"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Login"
            android:textColor="@color/myPrimary" />

        </LinearLayout>

    </LinearLayout>


  </LinearLayout>
</ScrollView>
```

8.BIBILOGRAPHY

8.1 REFERENCES

- FOR JAVA ANDROID: Develop for Android | Android Developers
- FOR SQLYOG : SQLyog Knowledge Base

THANK YOU