GOVERNMENT POLYTECHNIC, PUNE

(An Autonomous Institute of Government of Maharashtra)

DEPARTMENT OF COMPUTER ENGINEERING

ACADEMIC YEAR 2021-22

REPORT ON
"Women Safety App"

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UNDER THE GUIDANCE OF

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(COMPUTER ENGINEERING DEPARTMENT)

GOVERNMENT POLYTECHNIC PUNE

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Department Of Computer Engineering

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CERTIFICATE

This is to certified that the micro-project work entitled **"Women Safety App"** is a bonafide work carried out by

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of class Third Year in partial fulfillment of the requirement for the completion of course-Android Programming(CM5104)-EVEN2021 of Diploma in Computer Engineering from Government Polytechnic, Pune. The report has been approved as it satisfies the academic requirements in respect of micro-project work prescribed for the course.

.....	.....
Mr.Tarun Sharma	**Mr. Shankar Nikam**
Micro-Project Guide	Head of the Department

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Dr.Vitthal Bandal

Principal

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ABSTRACT

It is an android application for mobile devices .In today's world, people using smart phone have increased rapidly and hence, a smart phone can be used efficiently for personal security or various other protection purposes. The heinous incident that outraged the entire nation have waken us to go for the safety issues and so a host of new apps have been developed to provide security system to women via their phones. This Android Application for the safety of women and this app can be activated this app by a single click, whenever need arises.

Women's safety is a big concern which has been the most important topic till date. Women safety matters a lot whether at home, outside the home or working place. Few crimes against ladies particularly rape cases were terribly dread and fearful. Most of the women of various ages, till this day are being subjected to violence, domestic abuse, and rape. As ladies ought to travel late night generally, it's necessary to remain alert and safe. Although the government is taking necessary measures for their safety, still, there are free safety apps for women that can help them to stay safe. Most of the females these days carry their smartphone with them, so it is necessary to have at least one the personal safety apps installed. Such a security app for ladies will definitely facilitate in a way or the opposite.

This is user-friendly application that can be accessed by anyone who has installed it in their smart phones. Our intention is to provide you with fastest and simplest way to contact your nearest help. In this system user needs to feed three contact numbers, in case of emergency on moving the phone up and down thrice, the system calls on one of the numbers feeded into the system with the location.

INTRODUCTION

In this fast-moving world, Women Security is a major issue of concern. We have come across so many unfortunate incidents happening with women and the rate is rapidly increasing day by day. Women these days are working women and the globalization has made us aware of gender equality. Earlier there were so many restrictions for women and the major belief was that they were only meant for household chores. With the changing scenario, women are paving paths for themselves and proving that they are not less than anyone. We can see women going to great success levels in all fields, may it be corporate, scientific, education, business or any other field. Safety of women matters very much whether at home or outside the home or even in the working place.

In recent times there were so many crimes evolving against women especially the case in Hyderabad was very dreadful and fearful. Because of such crimes, women safety has become a major topic and it has become a major trouble for girls in facing the world. According to the statistics, it is found that every two out of three women have suffered trauma in the last year. According to the survey of women, it is found that women are losing their confidence because of such incidents. By the survey of Central government's Women and Child Development Department, around 80% of the women in national capital have fear regarding their own and others' lives. There is no time and place for women getting harassed because as we have seen every now and then, the news and reports are really of concern. Even if it is day or night, young or old every single woman is getting harassed. Actually, women kind of lost their faith in police officials, if not it is decreasing as the crime scenes are increasing and when the criminals get unpunished it makes no sense to trust the government.

There is a tremendous need to understand and resolve this problem of women safety so that they can grow like men. It is a personal safety product designed to guard you and your friends for 24/7. It is user-friendly application and can be accessed by anyone who has installed it in their smart phones.

1.About Android

Android is a mobile operating system developed by Google, based on a modified version of the Linux kernel and other open-source software and designed primarily for touch screen mobile devices such as Smartphone's and tablets. In addition, Google has further developed Android TV for televisions, Android Auto for cars, and Wear OS for wrist watches, each with a specialized user interface. Initially developed by Android Inc., which Google bought in 2005, Android was unveiled in 2007, with the first commercial Android device launched in September 2008. The core Android source code is known as Android Open-Source Project (AOSP), and is primarily licensed under the Apache License. Android is also associated with a suite of proprietary software developed by Google, including core apps for services such as Gmail and Google Search, as well as the application store and digital distribution platform Google Play, and associated development platform. These apps are licensed by manufacturers of Android devices certified under standards imposed by Google, but AOSP has been used as the basis of competing Android ecosystems, such as Amazon. Om's Fire OS, which utilize its own equivalents to these Google Mobile Services. Android has been the best-selling OS worldwide on smart phones since 2011 and on tablets since 2013.

Memory management :-

Since Android devices are usually battery powered, Android is designed to manage processes to keep power consumption at a minimum. When an application is not in use the system suspends its operation so that, while available for immediate use rather than closed, it does not use battery power or CPU resources. Android manages the applications stored in memory automatically: when memory is low, the system will begin invisibly and automatically closing inactive processes, starting with those that have been inactive for the longest amount of time.

Software Environment:-

Android software development is the process by which new applications are created for devices running the Android operating system. Officially, apps can be written using Java, C++ or Kotlin using the Android software development kit (SDK). Third party tools, development environments and language support have also continued to evolve and expand since the initial SDK was released in 2008

Android SDK:-

Android SDK is a collection of libraries and Software Development tools that are essential for Developing Android Applications. Whenever Google releases a new version or update of Android Software, a corresponding SDK also releases with it. In the updated or new version of SDK, some more features are included which are not present in the previous version. Android SDK consists of some tools which are very essential for the development of Android Application. These tools provide a smooth flow of the development process from developing and debugging. Android SDK is compatible with all operating systems such as Windows, Linux, macOS, etc.

Android Emulator:-

An Android Emulator is a device that simulates an Android device on your system. Suppose we want to run our android application that we code. One option is that we will run this on our Android Mobile by Enabling USB Debugging on our mobile. Another option is using Android Emulator. In Android Emulator the virtual android device is shown on our system on which we run the Android application that we code. Thus, it simply means that without needing any physical device Android SDK component “Android Emulator” provides a virtual device on the System where we run our application. The emulator’s come with the configuration for Various android phones, tablets, Wear OS, and Android TV devices.

2.Language Used:-

In the android there are various languages are used according to their need in the project. Mainly some types of languages are used in android development that is given below Java – Java is the official language of Android development and is supported by Android Studio. It has a steep learning curve however. Kotlin – Kotlin was recently introduced as a secondary 'official' Java language. It is similar to Java in many ways but is a little easier to get to grips with.

Java Language:-

Java is a general-purpose computer-programming language that is concurrent, class based, object-oriented, and specifically designed to have as few implementation dependencies as possible. Java applications are typically compiled to byte code that can run on any Java virtual machine(JVM) regardless of computer architecture. As of 2016, Java is one of the most popular programming languages in use, particularly for client-server web applications, with a reported 9 million developers. Java was originally developed by James Gosling at Sun Microsystems (which has since been acquired by Oracle Corporation) and released in 1995 as a core component of Sun Microsystems' Java platform.

XML Language:-

XML language is used in the front end of the android language. And it is responsible for the designing of the android application. XML stands for extensible mark-up language. In computing, Extensible Markup Language (XML) is a mark-up language that defines a set of rules for encoding documents in a format that is both human-readable and machine readable. The W3C's XML 1.0 Specification and several other related specifications all of them free open standards—define XML. The design goals of XML emphasize simplicity, generality, and usability across the Internet. It is a textual data format with strong support via Unicode for different human languages.

3.Hardware & Software Requirement

Hardware Specification:

- Hard Disk – 5 GB
- A computer with at least 8GB of RAM(Random Access Memory)
- Processor – i3

Software Requirements:

- Android Studio
- Languages: Java and XML

4.Advantages and Disadvantages

Advantages

- This application used to protect women.
- It is a user-friendly application
- This application receiver can locate the current location of User.
- This application also provides emergency contact at one button.

Disadvantage

- If there is no Internet connection, the location will not be seen.

4.Program Code:-

AndroidManifest.xml

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.example.womensafetyapp" >

    <uses-permission android:name="android.permission.CALL_PHONE" />
    <uses-permission android:name="android.permission.ACCESS_FINE_LOCATION" />
    <uses-permission android:name="android.permission.ACCESS_COARSE_LOCATION" />
    <uses-permission android:name="android.permission.INTERNET"/>

    <application
        android:allowBackup="true"
        android:icon="@drawable/applogo"
        android:label="@string/app_name"
        android:roundIcon="@drawable/applogo"
        android:supportsRtl="true"
        android:theme="@style/Theme.WomenSafetyApp" >
        <activity
            android:name="locationcard.locationpage"
            android:exported="false" />
        <activity
            android:name="contactcard.contactpage"
            android:exported="false" />
        <activity
            android:name="phonecard.helppage"
            android:exported="false" />
        <activity
            android:name="phonecard.callpage"
            android:exported="false" />
        <activity
            android:name=".blogpage"
            android:exported="false" />
        <activity
            android:name=".Homepage"
            android:exported="false" />
        <activity
            android:name=".MainActivity"
            android:exported="true" >
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />

                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
    </application>

</manifest>
```

MainActivity.java

```
package com.example.womensafetyapp;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.os.Bundle;
import android.os.Handler;
```

```
import android.view.WindowManager;
public class MainActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        getSupportActionBar().hide();
        getWindow().setFlags(WindowManager.LayoutParams.FLAG_FULLSCREEN,
WindowManager.LayoutParams.FLAG_FULLSCREEN);

        new Handler().postDelayed(new Runnable() {
            @Override
            public void run() {
                Intent = new Intent(MainActivity.this,Homepage.class);
                startActivity(intent);
                finish();
            }
        }, 4000);
    }
}
```

Homepage.java

```
package com.example.womensafetyapp;

import androidx.appcompat.app.AppCompatActivity;
import androidx.cardview.widget.CardView;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;

import contactcard.contactpage;
import locationcard.locationpage;
import phonecard.callpage;
import phonecard.helppage;

public class Homepage extends AppCompatActivity {

    CardView phonecard,locationcard,contactcard,blogcard,helpcard;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_homepage);

        phonecard=(CardView) findViewById(R.id.phonecard);
        locationcard=(CardView) findViewById(R.id.locationcard);
        contactcard=(CardView) findViewById(R.id.contactcard);
        blogcard=(CardView) findViewById(R.id.blogcard);
        helpcard=(CardView) findViewById(R.id.helpcard);

        blogcard.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {

                Intent intent=new Intent(Homepage.this,blogpage.class);
                startActivity(intent);
            }
        });
        phonecard.setOnClickListener(new View.OnClickListener() {
```

```
        @Override
        public void onClick(View v) {
            Intent intent=new Intent(Homepage.this, callpage.class);
            startActivity(intent);
        }
    });
    helpcard.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            Intent intent=new Intent(Homepage.this, helppage.class);
            startActivity(intent);
        }
    });
   contactcard.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            Intent intent=new Intent(Homepage.this, contactpage.class);
            startActivity(intent);
        }
    });
  locationcard.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            Intent intent=new Intent(Homepage.this, locationpage.class);
            startActivity(intent);
        }
    });
  }
}
```

Callpage.java

```
package phonecard;

import androidx.appcompat.app.AppCompatActivity;
import androidx.core.app.ActivityCompat;
import androidx.core.content.ContextCompat;

import android.Manifest;
import android.annotation.SuppressLint;
import android.content.Intent;
import android.content.pm.PackageManager;
import android.net.Uri;
import android.os.Bundle;
import android.view.View;
import android.widget.EditText;
import android.widget.Toast;

import com.example.womensafetyapp.R;
import com.google.android.material.floatingactionbutton.FloatingActionButton;

public class callpage extends AppCompatActivity {
  EditText phoneNo;
  FloatingActionButton callbtn;
  static int PERMISSION_CODE=100;
  @SuppressLint("WrongViewCast")
  @Override
  protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_callpage);
```

```
        phoneNo=findViewById(R.id.editTextTextPersonName);
        callbtn=findViewById(R.id.button2);

        if (ContextCompat.checkSelfPermission(callpage.this, Manifest.permission.CALL_PHONE)!=
PackageManager.PERMISSION_GRANTED);
        {
            ActivityCompat.requestPermissions(callpage.this,new
String[]{Manifest.permission.CALL_PHONE},PERMISSION_CODE);

        }
        callbtn.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {

                String phoneno = phoneNo.getText().toString();
             if (phoneno.length()==10){
                Intent i = new Intent(Intent.ACTION_CALL);
                i.setData(Uri.parse("tel:" + phoneno));
                startActivity(i);
             }
             else
             {
                Toast.makeText(getApplicationContext(),"Invalid Number",Toast.LENGTH_SHORT).show();
             }
            }
        });
    }
}
```

locationpage.java

```
package locationcard;

import androidx.annotation.NonNull;
import androidx.appcompat.app.AppCompatActivity;
import androidx.core.app.ActivityCompat;

import android.Manifest;
import android.content.pm.PackageManager;
import android.location.Address;
import android.location.Geocoder;
import android.location.Location;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.TextView;
import android.widget.Toast;

import com.example.womensafetyapp.R;
import com.google.android.gms.location.FusedLocationProviderClient;
import com.google.android.gms.location.LocationServices;
import com.google.android.gms.tasks.OnCompleteListener;
import com.google.android.gms.tasks.Task;

import java.io.IOException;
import java.util.List;
import java.util.Locale;

public class locationpage extends AppCompatActivity {
    TextView txtLat, txtLon, txtAdd, txtLoc, txtCon;
    Button btnLoc;
```

```
    FusedLocationProviderClient;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_locationpage);
        txtLat = (TextView) findViewById(R.id.lat);
        txtLon = (TextView) findViewById(R.id.lon);
        txtAdd = (TextView) findViewById(R.id.addr);
        txtLoc = (TextView) findViewById(R.id.loc);
        txtCon = (TextView) findViewById(R.id.con);
        fusedLocationProviderClient = LocationServices.getFusedLocationProviderClient(this);

        btnLoc = (Button) findViewById(R.id.btnGet);
        btnLoc.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                if (ActivityCompat.checkSelfPermission(locationpage.this, Manifest.permission.ACCESS_FINE_LOCATION)
== PackageManager.PERMISSION_GRANTED) {
                    showLocation();
                } else {
                    ActivityCompat.requestPermissions(locationpage.this, new
String[]{Manifest.permission.ACCESS_FINE_LOCATION},44);
                }
            }
        });

    }

    private void showLocation() {
        if (ActivityCompat.checkSelfPermission(this, Manifest.permission.ACCESS_FINE_LOCATION) !=
PackageManager.PERMISSION_GRANTED && ActivityCompat.checkSelfPermission(this,
Manifest.permission.ACCESS_COARSE_LOCATION) != PackageManager.PERMISSION_GRANTED) {
            // TODO: Consider calling
            //    ActivityCompat#requestPermissions
            // here to request the missing permissions, and then overriding
            //   public void onRequestPermissionsResult(int requestCode, String[] permissions,
            //                                          int[] grantResults)
            // to handle the case where the user grants the permission. See the documentation
            // for ActivityCompat#requestPermissions for more details.
            return;
        }
        fusedLocationProviderClient.getLastLocation().addOnCompleteListener(new OnCompleteListener<Location>() {
            @Override
            public void onComplete(@NonNull Task<Location> task) {
                Location = task.getResult();
                if (location != null) {
                    Geocoder = new Geocoder(locationpage.this, Locale.getDefault());
                    try {
                        List<Address> addressList = geocoder.getFromLocation(location.getLatitude(), location.getLongitude(),
1);
                        txtLat.setText("Latitude :- " + addressList.get(0).getLatitude());
                        txtLon.setText("Longitude :- " + addressList.get(0).getLongitude());
                        txtAdd.setText("Address Line :- "+addressList.get(0).getAddressLine(0));
                        txtLoc.setText("Locality :-"+addressList.get(0).getLocality());
                        txtCon.setText("Country  :- "+addressList.get(0).getCountryName());
                    } catch (IOException e) {
                        e.printStackTrace();
                    }
                } else {
                    Toast.makeText(locationpage.this, "Location null error", Toast.LENGTH_SHORT).show();
                }
```

```
        }
      });
    }
}
```

contactpage.java

```
package contactcard;

import androidx.appcompat.app.AppCompatActivity;
import androidx.core.app.ActivityCompat;
import androidx.core.content.ContextCompat;
import androidx.core.view.MenuItemCompat;

import android.Manifest;
import android.app.AlertDialog;
import android.content.DialogInterface;
import android.content.Intent;
import android.content.pm.PackageManager;
import android.database.Cursor;
import android.net.Uri;
import android.os.Bundle;
import android.view.Menu;
import android.view.MenuInflater;
import android.view.MenuItem;
import android.view.View;
import android.widget.AdapterView;
import android.widget.ArrayAdapter;
import android.widget.Button;
import android.widget.EditText;
import android.widget.ListView;
import android.widget.SearchView;
import android.widget.Toast;

import com.example.womensafetyapp.R;

import java.util.ArrayList;

public class contactpage extends AppCompatActivity {

    private static final int PERMISSION_CODE = 100;
    DatabaseHelper db;
    Button add_data;
    EditText add_name;
    ListView userlist;

    ArrayList<String> listItems;
    ArrayAdapter adapter;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_contactpage);

        db = new DatabaseHelper(this);

        listItems=new ArrayList<>();

        add_data = findViewById(R.id.add_data);
        add_name = findViewById(R.id.add_name);
        userlist = findViewById(R.id.user_list);
```

```
        viewData();

        if (ContextCompat.checkSelfPermission(contactpage.this, Manifest.permission.CALL_PHONE)!=
PackageManager.PERMISSION_GRANTED);
        {
            ActivityCompat.requestPermissions(contactpage.this,new
String[]{Manifest.permission.CALL_PHONE},PERMISSION_CODE);

        }
        userlist.setOnItemClickListener(new AdapterView.OnItemClickListener() {
            @Override
            public void onItemClick(AdapterView<?> parent, View, int position, long id) {
                String text=userlist.getItemAtPosition(position).toString();
                String phoneno=text;
                Intent i=new Intent(Intent.ACTION_CALL);
                i.setData(Uri.parse("tel:"+phoneno));
                startActivity(i);
                Toast.makeText(contactpage.this," Called-- "+text,Toast.LENGTH_SHORT).show();
            }
        });

        add_data.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                String name = add_name.getText().toString();
                if (!name.equals("") && db.insertData(name)) {
                    Toast.makeText(contactpage.this, "Contact Added", Toast.LENGTH_SHORT).show();
                    add_name.setText("");
                    listItems.clear();
                    viewData();
                } else {
                    Toast.makeText(contactpage.this, "Contact not Added", Toast.LENGTH_SHORT).show();
                }
            }
        });
    }

    private void viewData() {
        Cursor cursor=db.viewData();

        if(cursor.getCount()==0)
        {
            Toast.makeText(this,"No data to show",Toast.LENGTH_SHORT).show();
        }
        else
        {
            while (cursor.moveToNext())
            {
                listItems.add(cursor.getString(1));
            }
        }
        adapter=new ArrayAdapter<>(this, android.R.layout.simple_list_item_1,listItems);
        userlist.setAdapter(adapter);
    }

    @Override
    public boolean onCreateOptionsMenu(Menu menu) {

        MenuInflater inflater=getMenuInflater();

        inflater.inflate(R.menu.menu,menu);
```

```
        MenuItem searchItem=menu.findItem(R.id.item_search);
        SearchView searchView=(SearchView) MenuItemCompat.getActionView(searchItem);

        searchView.setOnQueryTextListener(new SearchView.OnQueryTextListener() {
            @Override
            public boolean onQueryTextSubmit(String query) {
                return false;
            }

            @Override
            public boolean onQueryTextChange(String newText) {
                ArrayList<String> userslist=new ArrayList<>();

                for (String user:listItems)
                {
                    if (user.toLowerCase().contains(newText.toLowerCase()))
                    {
                        userslist.add(user);
                    }
                }

                ArrayAdapter<String> adapter=new
ArrayAdapter<String>(contactpage.this,android.R.layout.simple_list_item_1,userslist);
                userlist.setAdapter(adapter);

                return true;
            }
        });

        return super.onCreateOptionsMenu(menu);
    }
}
```

DatabaseHelper.java

```
package contactcard;

import android.content.ContentValues;
import android.content.Context;
import android.database.Cursor;
import android.database.sqlite.SQLiteDatabase;
import android.database.sqlite.SQLiteOpenHelper;

public class DatabaseHelper extends SQLiteOpenHelper {


    private static final String DB_NAME=" Users.db ";
    private static final String DB_TABLE=" Users_Table ";

    //columns
    private static final String ID=" ID ";
    private static final String NAME=" NAME ";

    private static final String CREATE_TABLE=" CREATE TABLE " + DB_TABLE + " ( " + ID + " INTEGER
PRIMARY KEY AUTOINCREMENT ," +NAME+ " TEXT " + " ) ";
    public DatabaseHelper(Context context)
    {
        super(context,DB_NAME,null,1);
    }
    @Override
```

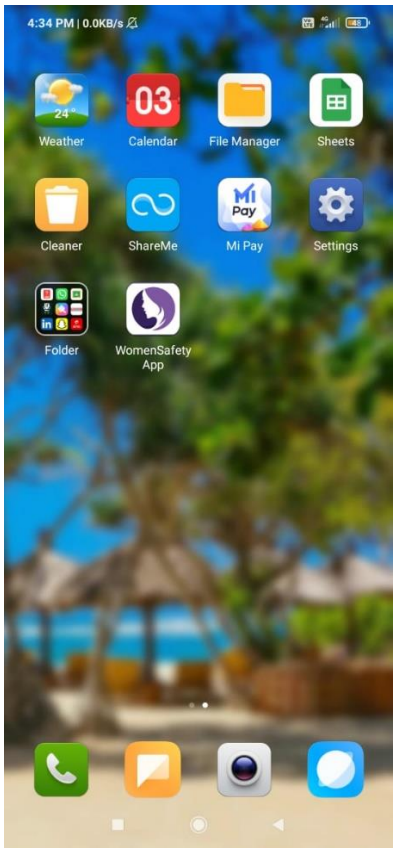
```
    public void onCreate(SQLiteDatabase sqLiteDatabase) {
        sqLiteDatabase.execSQL(CREATE_TABLE);

    }

    @Override
    public void onUpgrade(SQLiteDatabase sqLiteDatabase, int oldVersion, int newVersion) {

        sqLiteDatabase.execSQL(" DROP TABLE IF EXISTS "+DB_TABLE);

        onCreate(sqLiteDatabase);
    }

    //create method to insert date
    public boolean insertData(String name)
    {
        SQLiteDatabase db=this.getWritableDatabase();
        ContentValues contentValues=new ContentValues();
        contentValues.put(NAME,name);

        long result=db.insert(DB_TABLE,null,contentValues);

        return result!=-1;
    }
    //create method to view data
    public Cursor viewData()
    {
        SQLiteDatabase db=this.getReadableDatabase();
        String query=" Select * from " +DB_TABLE;
        Cursor cursor= db.rawQuery(query,null);

        return cursor;
    }
}
```

Helppage.java

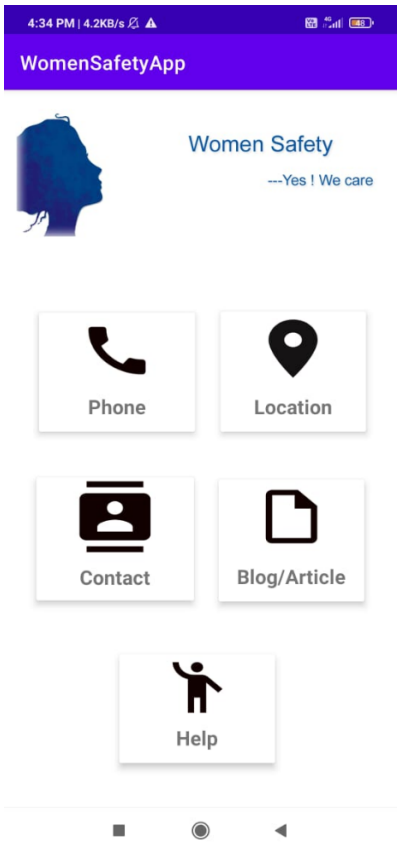
```
package phonecard;

import static android.Manifest.permission.CALL_PHONE;

import androidx.appcompat.app.AppCompatActivity;
import androidx.core.content.ContextCompat;

import android.content.Intent;
import android.content.pm.PackageManager;
import android.net.Uri;
import android.os.Build;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;

import com.example.womensafetyapp.R;

public class helppage extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_helppage);
```

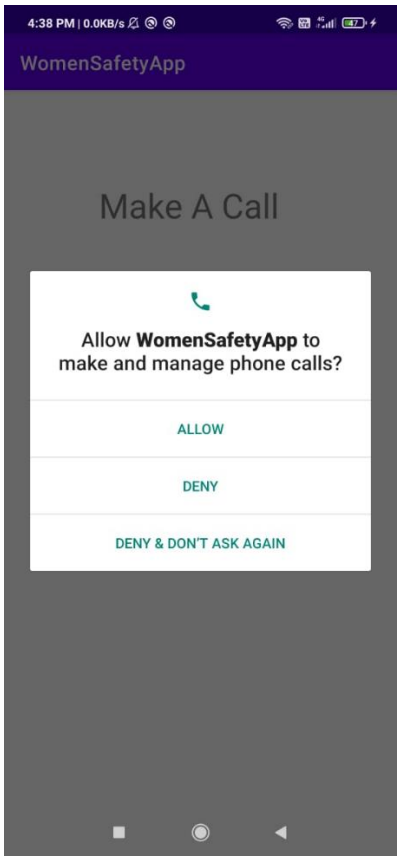
```
        Button b1,b2,b3;
        b1=findViewById(R.id.button8);
        b2=findViewById(R.id.button9);
        b3=findViewById(R.id.button10);
        b1.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                call("108");
            }
        });

        b2.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                call("1090");
            }
        });

        b3.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                call("100");

            }
        });


    }
    private void call(String number) {
        Intent i= new Intent(Intent.ACTION_CALL);
        i.setData(Uri.parse("tel:"+number));
        startActivity(i);
        if(ContextCompat.checkSelfPermission(getApplicationContext(), CALL_PHONE )==
PackageManager.PERMISSION_GRANTED){
            startActivity(i);
        }
        else{
            if(Build.VERSION.SDK_INT>=Build.VERSION_CODES.M)
            {
                requestPermissions(new String[]{CALL_PHONE},1);
            }

        }
    }
}
```

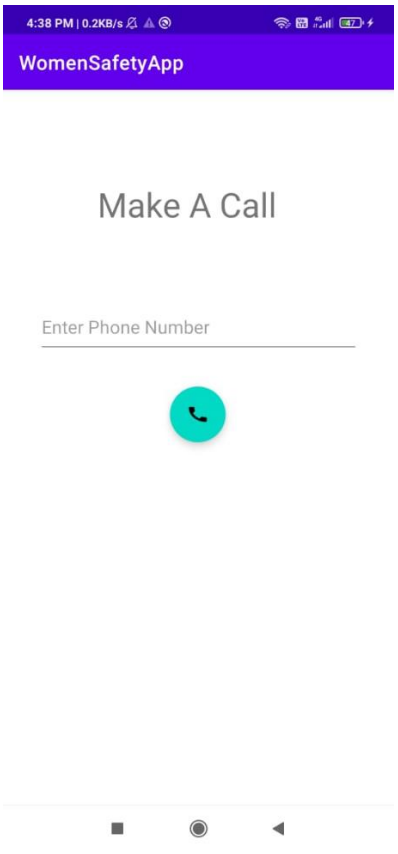
5.Output:-

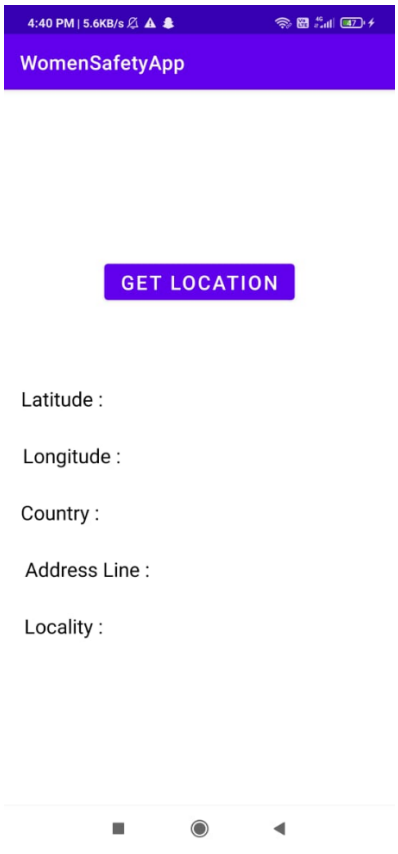

4:34 PM | 0.0KB/s
Weather
Calendar
File Manager
Sheets
Cleaner
ShareMe
Mi Pay
Settings
Folder
WomenSafety App

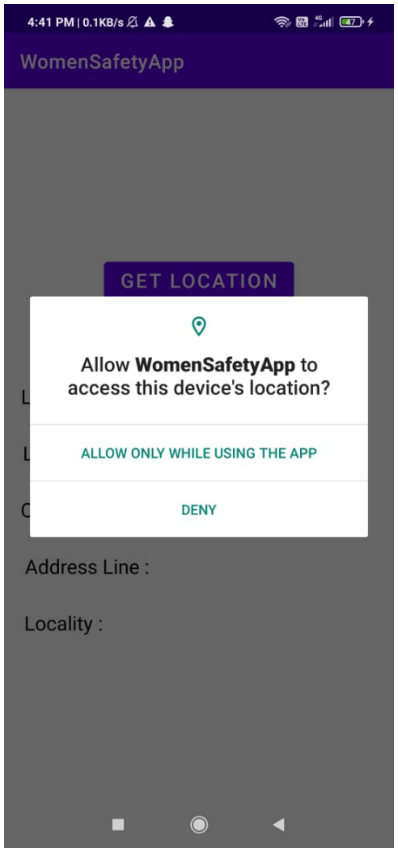

UN
WE
ARE
SAFE
WE ARE
UNSAFE
We Deserve To Be Safe

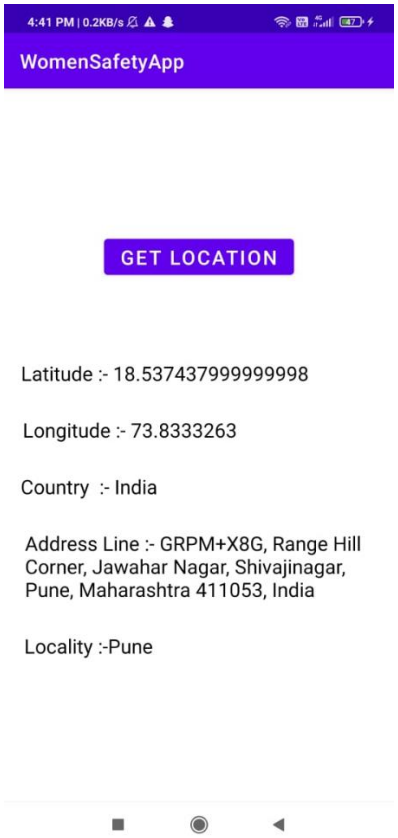

4:34 PM | 4.2KB/s
WomenSafetyApp
Women Safety
---Yes ! We care
Phone
Location
Contact
Blog/Article
Help

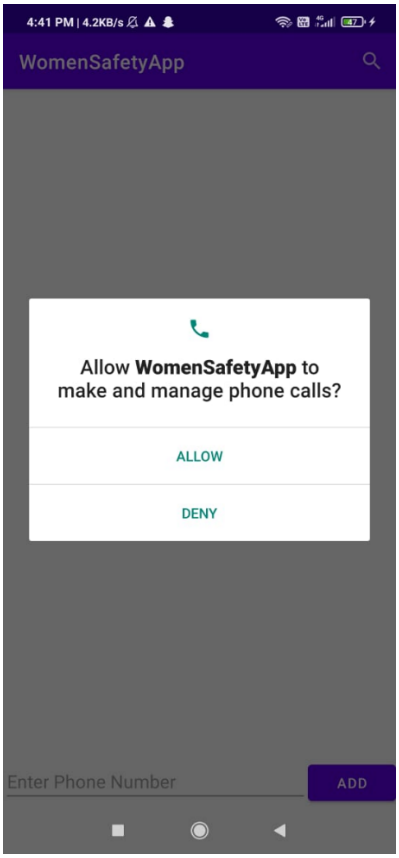

4:38 PM | 0.0KB/s
WomenSafetyApp
Make A Call
Allow WomenSafetyApp to make and manage phone calls?
ALLOW
DENY
DENY & DON'T ASK AGAIN


4:38 PM | 0.2KB/s
WomenSafetyApp
Make A Call
Enter Phone Number


4:40 PM | 5.6KB/s
WomenSafetyApp
GET LOCATION
Latitude :
Longitude :
Country :
Address Line :
Locality :

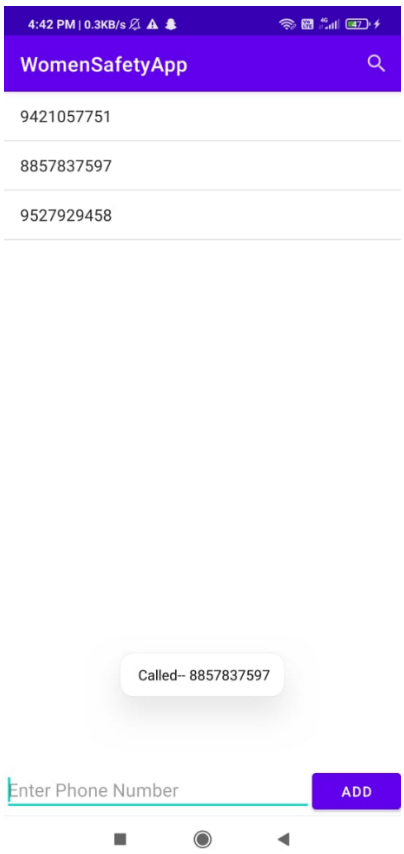

4:41 PM | 0.1KB/s
WomenSafetyApp
GET LOCATION
Allow WomenSafetyApp to access this device's location?
ALLOW ONLY WHILE USING THE APP
DENY
Address Line :
Locality :


4:41 PM | 0.2KB/s
WomenSafetyApp
GET LOCATION
Latitude :- 18.537437999999998
Longitude :- 73.8333263
Country :- India
Address Line :- GRPM+X8G, Range Hill Corner, Jawahar Nagar, Shivajinagar, Pune, Maharashtra 411053, India
Locality :-Pune


4:41 PM | 4.2KB/s
WomenSafetyApp
Allow WomenSafetyApp to make and manage phone calls?
ALLOW
DENY
Enter Phone Number
ADD

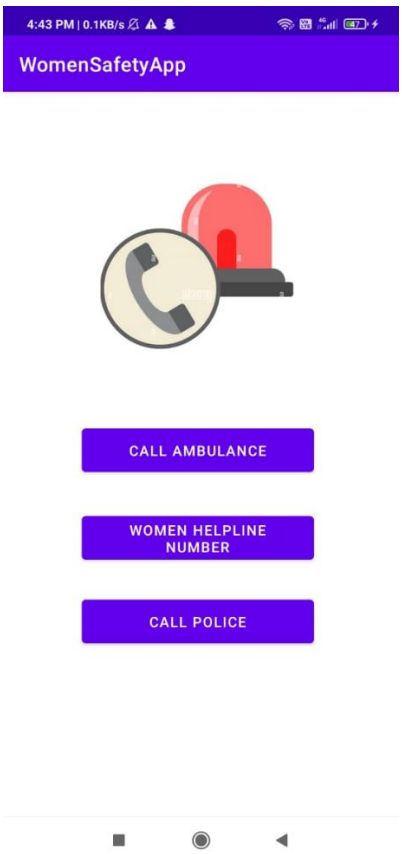

4:41 PM | 0.6KB/s
WomenSafetyApp
9421057751
8857837597
ADD

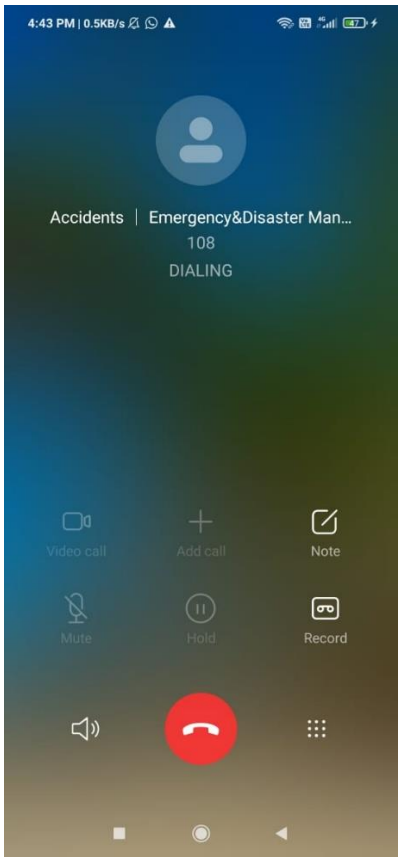

4:41 PM | 3.7KB/s
WomenSafetyApp
9421057751
8857837597
Contact Added
Enter Phone Number
ADD

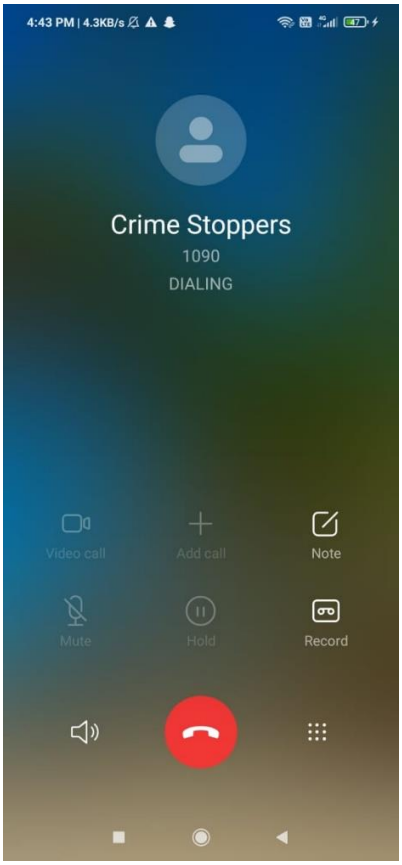

4:42 PM | 0.3KB/s
WomenSafetyApp
9421057751
8857837597
9527929458
Called-- 8857837597
Enter Phone Number
ADD

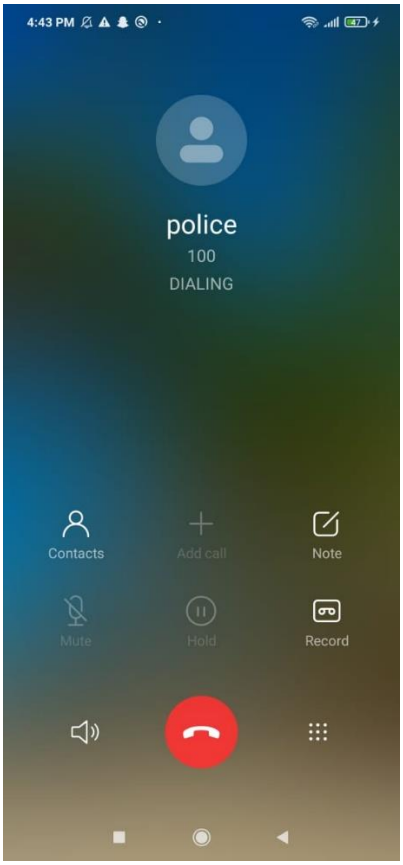

4:53 PM | 0.2KB/s
95
9527929458
Enter Phone Number
ADD


4:43 PM | 0.0KB/s
WomenSafetyApp
We all know that our country, India is famous for its different customs and culture throughout the world. In India, it has been a tradition since ancient times that women are given special honour and respect.India is a country where special care is taken of the safety and respect of women. In Indian culture, women have been given the status of Goddess Lakshmi. If we talk about the twenty-first century, then women are working on the shoulders with men in every field, whether it is politics, bank, school, sports, police, defence sector, own business or the desire to fly in the sky is.
Although, it is one hundred percent truth that in Indian society, women like Goddess Lakshmi are worshiped but negative aspects towards women cannot be ignored. The importance of protection of women is very important whether it is at home, or in office. The protection of women is very broad in itself, given the increased atrocities against women in the last few years, we cannot say that women in our country are completely safe. Women themselves feel unsafe, especially if they want to go out alone. It is indeed embarrassing for us that women in our country are living in fear.It is not necessary that the oppression of women is only in the late evening or in the night, but such strange cases have emerged from


4:43 PM | 0.1KB/s
WomenSafetyApp
CALL AMBULANCE
WOMEN HELPLINE NUMBER
CALL POLICE


4:43 PM | 0.5KB/s
Accidents | Emergency&Disaster Man...
108
DIALING
Video call
Add call
Note
Mute
Hold
Record


4:43 PM | 4.3KB/s
Crime Stoppers
1090
DIALING
Video call
Add call
Note
Mute
Hold
Record


4:43 PM
police
100
DIALING
Contacts
Add call
Note
Mute
Hold
Record