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Belagavi - 590 018



Mobile Application Development Laboratory Mini Project Report

on

CARING NEST

Submitted in the partial fulfillment of the requirements for the award of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted by

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ST JOSEPH ENGINEERING COLLEGE
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CERTIFICATE

This is to certify that the Mini project entitled “Caring Nest” is a bonafide work carried out by
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Students of sixth semester B.E. Computer Science and Engineering, and submitted as a part of the course Mobile Application Development Laboratory (18CSMP68) during the academic year 2020-2021. It is certified that all corrections / suggestions indicated for Internal Assessment have been incorporated in this report.

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External Viva Voce Examination

Name of the Examiners:

Signature with date :

1. _____

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2. _____

2. _____

Abstract

In recent years, the emergence of smart phones has changed the definition of mobile phones. Phone is no longer just a communication tool, but also an essential part of the people's communication and daily life. Various applications added unlimited fun for people's lives. It is certain that the future of the network will be the mobile terminal. Now the Android system in the electronics market is becoming more and more popular, especially in the smartphone market. Because of the open source, some of the development tools are free, so there are plenty of applications generated.

So our aim is to develop an android application that allows the users to book an ambulance in case of any emergencies with minimal interactions and provides necessary details of the user to the respective ambulance driver with just one click.

Acknowledgement

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Chapter 1

Introduction

This chapter gives an overview of the dissertation work entitled “Caring Nest”. The problem statement, motivation for the project and the scope of the project are also explained in this chapter.

Smartphones and tablets are becoming dominant devices in the present market. Most of these devices run Android Operating System. Android represents an open solution with development tools, a large support to many devices, as well an operating system. This platform supports the development using Java, one of the most used programming language. The fact that Android is an open source project, allied with Apache 2.0 license, makes it flexible, allowing developers and companies to make customizations without the need of sharing such changes.

With the technological advances, the development of applications for mobile devices has grown exponentially. The Android platform was developed by Open Hand- set Alliance, a group formed by several companies led by Google. The purpose of the alliance is to provide a standardized environment for the development to different communication devices. However, mobile applications are significantly different from traditional applications, mainly due to limited resources available on mobile devices (e.g. battery, memory, etc.). Thus, the software should be developed considering these restrictions and optimization should be applied in order to obtain an efficient code.

1.1 Problem Statement

The main task in the proposed work is to provide a platform where people can book an ambulance in case of any emergencies with minimal interaction.

1.2 Motivation

The motivation for this project was our willingness to help the people during this pandemic where there is a need for more medical attention. We saw a lot of people lose their lives

because the ambulance was late or not available. So we thought with our app we could help and save the lives of people.

1.3 Scope of the Project

This work focuses on providing a user friendly app for people where the user can book an ambulance in case of any emergencies with minimal interactions and provides necessary details of the user to the respective ambulance driver with just one click.

1.4 Report Structure

This report is structured as follows:

- Chapter 1 presents an overview of the project in brief. Section 1.1 provides a brief problem statement.
- Chapter 2 explains the methodology that was used in this work to arrive at the final results.
- Chapter 3 presents the experimental results that were achieved.
- Chapter 4 presents the flow of the work carried out with the help of screen shots.
- Chapter 5 summarizes the initial goals of this work and reviews the results obtained. It also provides suggestions on how this project can be extended through future work.

Chapter 2

Software Requirements Specification

In this chapter the hardware and software requirements for developing the application are discussed. This chapter also provides an overview of the functional and nonfunctional requirements of the application.

2.1 Hardware Requirements

Any mobile SOC with 512MB ram with at least 120MB free space.

2.2 Software Requirements

Android – Android with min android SDK version 16.

2.3 Functional Requirements

- Internet Connectivity
- Calling function

2.4 Non-Functional Requirements

- Ease of use
- No login
- User friendly UI

Chapter 3

Design Implementation

This chapter illustrates the application design with the help of relevant diagram. The activity and layout files are shown here and their working is explained.

3.1 Design of Application

Show the architectural or process flow diagram here and explain its working.

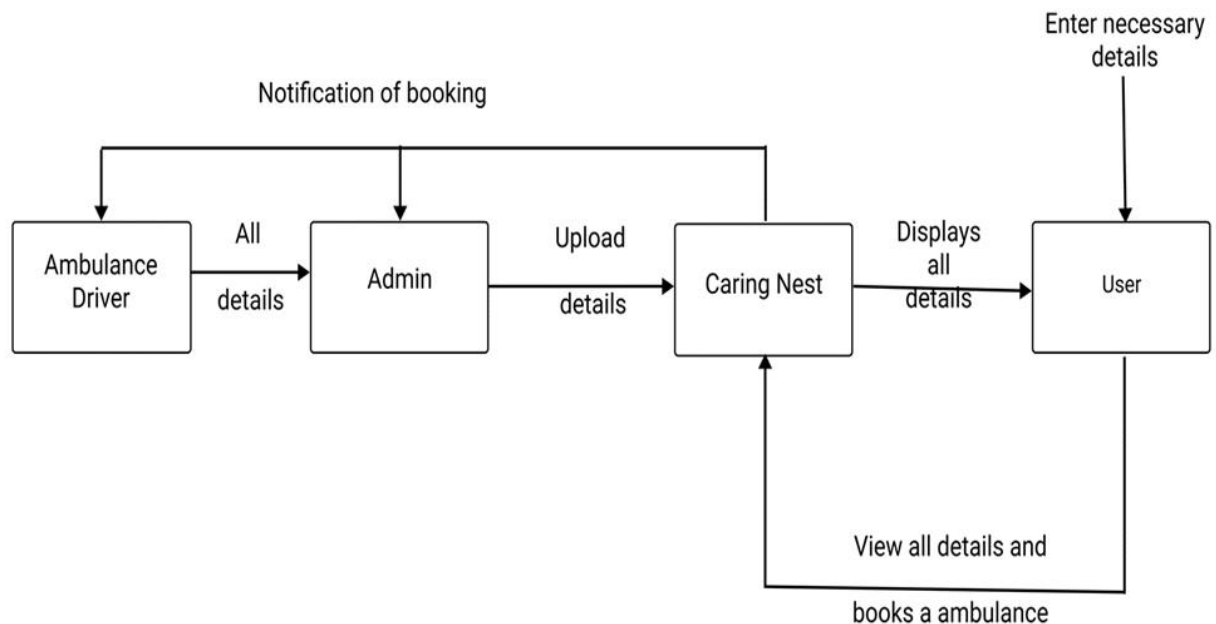


Figure 3.1: Architectural Diagram

3.2 Source

3.2.1 Activity.java

```
package com.example.caringnest;

import androidx.annotation.RequiresApi;
import androidx.appcompat.app.AppCompatActivity;

import android.app.ActivityOptions;
import android.content.Intent;
import android.os.Build;
import android.os.Bundle;
import android.os.Handler;
import android.util.Pair;
import android.widget.ImageView;
import android.widget.TextView;

public class MainActivity extends AppCompatActivity {

    private ImageView img_logo;
    private TextView tv_name;

    @RequiresApi(api = Build.VERSION_CODES.LOLLIPOP)
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        Utils.blackIconStatusBar(MainActivity.this,R.color.light_background);

        tv_name = findViewById(R.id.tv_name);
        img_logo = findViewById(R.id.img_logo);

        new Handler().postDelayed(new Runnable() {
            @Override
            public void run() {
                Intent intent = new Intent(MainActivity.this, MainSelect.class);
                ActivityOptions options =
                ActivityOptions.makeSceneTransitionAnimation(MainActivity.this,
                    Pair.create(img_logo, "logo_icon"),
                    Pair.create(tv_name, "logo_text"));
                startActivity(intent,options.toBundle());
            }
        },1500);
    }
}
```

This is the main landing page of the app.

3.2.2 About.java

```
package com.example.caringnest;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;
import android.view.View;
import android.view.Window;
import android.view.WindowManager;

import soup.neumorphism.NeumorphFloatingActionButton;

public class About extends AppCompatActivity {

    NeumorphFloatingActionButton cancel;

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

        Utils.blackIconStatusBar(About.this,R.color.light_background);

        cancel = findViewById(R.id.cancel);

        cancel.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                onBackPressed();
            }
        });
    }
}
```

This activity is used to display the info about the app.

3.2.3 AdminAddDetails.java

```
package com.example.caringnest;

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

import android.app.ProgressDialog;
import android.content.Intent;
import android.os.Build;
import android.os.Bundle;
import android.os.Handler;
import android.view.View;
import android.view.animation.Animation;
import android.view.animation.AnimationUtils;
import android.widget.Button;
import android.widget.EditText;
import android.widget.LinearLayout;
import android.widget.TextView;
import android.widget.Toast;

import com.google.android.gms.tasks.OnCompleteListener;
import com.google.android.gms.tasks.OnFailureListener;
import com.google.android.gms.tasks.Task;
import com.google.firebase.firestore.FirebaseFirestore;

import org.jetbrains.annotations.NotNull;

import java.util.HashMap;
import java.util.Map;
import java.util.UUID;

import soup.neumorphism.NeumorphFloatingActionButton;

public class AdminAddDetails extends AppCompatActivity {

    EditText etPhone,etLocation,etName,etEmail;
    TextView admin_addDetails_head;
    Button btnAdd;
```

```
NeumorphFloatingActionButton btn_cancel;
LinearLayout layout_main;
private Animation animation_fadein;
ProgressDialog pd;
FirebaseFirestore db;
String pId, pName, pPhone, pLocation, pEmail;

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

    Utils.blackIconStatusBar(AdminAddDetails.this,R.color.light_background);

    etEmail = findViewById(R.id.et_email);
    etPhone = findViewById(R.id.et_phone);
    etName = findViewById(R.id.et_name);
    etLocation = findViewById(R.id.et_location);
    btnAdd = findViewById(R.id.btn_addDetails);
    admin_addDetails_head = findViewById(R.id.admin_addDetails_head);

    layout_main = findViewById(R.id.layout_main);

    btn_cancel = findViewById(R.id.btn_cancel);
    btn_cancel.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            onBackPressed();
        }
    });

    if (Build.VERSION.SDK_INT >= Build.VERSION_CODES.P) {

        animation_fadein = AnimationUtils.loadAnimation(AdminAddDetails.this,
R.anim.fade_in);

        new Handler().postDelayed(new Runnable() {
            @Override
            public void run() {
                layout_main.setVisibility(View.VISIBLE);
            }
        }, 1000);
    }
}
```

```
        layout_main.setAnimation(animation_fadein);
    }
    },100);
}

Bundle bundle = getIntent().getExtras();
if(bundle != null){

    admin_addDetails_head.setText("Update Ambulance Details");
    btnAdd.setText("Update Data");

    pId = bundle.getString("pId");
    pName = bundle.getString("pName");
    pPhone = bundle.getString("pPhone");
    pLocation = bundle.getString("pLocation");
    pEmail = bundle.getString("pEmail");

    etName.setText(pName);
    etEmail.setText(pEmail);
    etLocation.setText(pLocation);
    etPhone.setText(pPhone);
}
else{
    admin_addDetails_head.setText("Add Ambulance Details");
    btnAdd.setText("Add Data");
}

pd = new ProgressDialog(this);

db = FirebaseFirestore.getInstance();

btnAdd.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Bundle bundle1 = getIntent().getExtras();
        if (bundle1 != null){
            String id = pId;
            String name = etName.getText().toString().trim();
            String phone = etPhone.getText().toString().trim();
            String email = etEmail.getText().toString().trim();
```

```
String location = etLocation.getText().toString().trim();

if (!name.isEmpty() && !phone.isEmpty() && !email.isEmpty() &&
!location.isEmpty() && phone.length()>=10) {
    updateData(id, name, phone, location, email);
    finish();
}
else if(name.isEmpty())
    etName.setError("Empty fields are not allowed");
else if(phone.isEmpty())
    etPhone.setError("Empty fields are not allowed");
else if(location.isEmpty())
    etLocation.setError("Empty fields are not allowed");
else if(email.isEmpty())
    etEmail.setError("Empty fields Are not allowed");
else if(phone.length()<10)
    etPhone.setError("Enter valid Phone Number");
}
else{
    String name = etName.getText().toString().trim();
    String phone = etPhone.getText().toString().trim();
    String email = etEmail.getText().toString().trim();
    String location = etLocation.getText().toString().trim();

    if (!name.isEmpty() && !phone.isEmpty() && !email.isEmpty() &&
!location.isEmpty() && phone.length()>=10) {
        uploadData(name, phone, location, email);
        finish();
    }
    else if(name.isEmpty())
        etName.setError("Empty fields are not allowed");
    else if(phone.isEmpty())
        etPhone.setError("Empty fields are not allowed");
    else if(location.isEmpty())
        etLocation.setError("Empty fields are not allowed");
    else if(email.isEmpty())
        etEmail.setError("Empty fields are not allowed");
    else if(phone.length()<10)
        etPhone.setError("Enter valid Phone Number");
    }
}
```



```

        }
    });
}

private void updateData(String id, String name, String phone, String location, String email)
{
    pd.setTitle("Updating Data...");
    pd.show();

    db.collection("Ambulance").document(id)
        .update("name", name, "phone", phone, "location", location, "email", email)
        .addOnCompleteListener(new OnCompleteListener<Void>() {
            @Override
            public void onComplete(@NonNull @NotNull Task<Void> task) {
                pd.dismiss();
                Toast.makeText(AdminAddDetails.this, "Updated...",
                    Toast.LENGTH_SHORT).show();
                finish();
            }
        })
        .addOnFailureListener(new OnFailureListener() {
            @Override
            public void onFailure(@NonNull @NotNull Exception e) {
                pd.dismiss();
                Toast.makeText(AdminAddDetails.this, e.getMessage(),
                    Toast.LENGTH_SHORT).show();
            }
        });
}

private void uploadData(String name, String phone, String location, String email) {
    pd.setTitle("Adding Details");
    pd.show();

    String id= UUID.randomUUID().toString();

    Map<String, Object> doc = new HashMap<>();
    doc.put("id",id);
    doc.put("name",name);
    doc.put("phone",phone);

```

```
        doc.put("email",email);
        doc.put("location",location);

        db.collection("Ambulance").document(id).set(doc)
            .addOnCompleteListener(new OnCompleteListener<Void>() {
                @Override
                public void onComplete(@NonNull Task<Void> task) {
                    pd.dismiss();
                    Toast.makeText(AdminAddDetails.this, "Details Added",
                        Toast.LENGTH_SHORT).show();
                }
            })
            .addOnFailureListener(new OnFailureListener() {
                @Override
                public void onFailure(@NonNull Exception e) {
                    pd.dismiss();
                    Toast.makeText(AdminAddDetails.this, e.getMessage(),
                        Toast.LENGTH_SHORT).show();
                }
            });
    }
}
```

This activity is used when admin needs to add new details of the ambulance to the list.

3.2.4 AdminLogin.java

```
package com.example.caringnest;

import androidx.annotation.NonNull;
import androidx.appcompat.app.AppCompatActivity;
import android.content.Intent;
import android.os.Build;
import android.os.Bundle;
import android.os.Handler;
import android.util.Patterns;
import android.view.View;
import android.view.animation.Animation;
import android.view.animation.AnimationUtils;
import android.widget.Button;
import android.widget.EditText;
import android.widget.LinearLayout;
import android.widget.Toast;
```

```
import com.google.android.gms.tasks.OnFailureListener;
import com.google.android.gms.tasks.OnSuccessListener;
import com.google.firebase.auth.AuthResult;
import com.google.firebase.auth.FirebaseAuth;

import soup.neumorphism.NeumorphFloatingActionButton;

public class AdminLogin extends AppCompatActivity {

    NeumorphFloatingActionButton homeBtn;
    private Animation animation_fadein;
    LinearLayout layout_main;
    private EditText mEmail , mPass;
    private Button signInBtn;
    private FirebaseAuth mAuth;

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

        Utils.blackIconStatusBar(AdminLogin.this,R.color.light_background);

        mEmail = findViewById(R.id.et_adminEmail);
        mPass = findViewById(R.id.et_adminPass);
        signInBtn = findViewById(R.id.btn_adminLogin);
        homeBtn = findViewById(R.id.btn_home);
        layout_main = findViewById(R.id.layout_main);

        mAuth = FirebaseAuth.getInstance();
        homeBtn.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                onBackPressed();
            }
        });
        signInBtn.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                loginUser();
            }
        });

        if (Build.VERSION.SDK_INT >= Build.VERSION_CODES.P) {
            animation_fadein = AnimationUtils.loadAnimation(AdminLogin.this, R.anim.fade_in);
            new Handler().postDelayed(new Runnable() {
                @Override
```

```

        public void run() {
            layout_main.setVisibility(View.VISIBLE);
            layout_main.setAnimation(animation_fadein);
        }
    },100);
}
}
private void loginUser(){
    String email = mEmail.getText().toString();
    String pass = mPass.getText().toString();

    if (!email.isEmpty() && Patterns.EMAIL_ADDRESS.matcher(email).matches()){
        if (!pass.isEmpty()){
            mAuth.signInWithEmailAndPassword(email , pass)
                .addOnSuccessListener(new OnSuccessListener<AuthResult>() {
                    @Override
                    public void onSuccess(AuthResult authResult) {
                        Toast.makeText(AdminLogin.this, "Login Successfully !!",
Toast.LENGTH_SHORT).show();
                        startActivity(new Intent(AdminLogin.this , AdminMain.class));
                    }
                }).addOnFailureListener(new OnFailureListener() {
                    @Override
                    public void onFailure(@NonNull Exception e) {
                        Toast.makeText(AdminLogin.this, "Wrong Password",
Toast.LENGTH_SHORT).show();
                    }
                });
        }else{
            mPass.setError("Empty Fields Are not Allowed");
        }
    }else if(email.isEmpty()){
        mEmail.setError("Empty Fields Are not Allowed");
    }else{
        mEmail.setError("Please Enter Correct Email");
    }
}
}
}

```

This activity is used for admin to login to the app.

3.2.5 AdminLogs.java

```
package com.example.caringnest;

import androidx.annotation.NonNull;
import androidx.appcompat.app.AppCompatActivity;
import androidx.recyclerview.widget.LinearLayoutManager;
import androidx.recyclerview.widget.RecyclerView;
import androidx.swiperefreshlayout.widget.SwipeRefreshLayout;

import android.app.ProgressDialog;
import android.content.Intent;
import android.os.Build;
import android.os.Bundle;
import android.os.Handler;
import android.view.View;
import android.view.animation.Animation;
import android.view.animation.AnimationUtils;
import android.widget.Button;
import android.widget.Toast;

import com.google.android.gms.tasks.OnCompleteListener;
import com.google.android.gms.tasks.OnFailureListener;
import com.google.android.gms.tasks.Task;
import com.google.firebase.firestore.DocumentSnapshot;
import com.google.firebase.firestore.FirebaseFirestore;
import com.google.firebase.firestore.QuerySnapshot;

import org.jetbrains.annotations.NotNull;

import java.util.ArrayList;
import java.util.List;

import soup.neumorphism.NeumorphFloatingActionButton;

public class AdminLogs extends AppCompatActivity {

    NeumorphFloatingActionButton back_admin;

    List<Model_logs> modelAdminLogs = new ArrayList<>();
    RecyclerView mRecyclerView;

    private Animation animation_fadein;

    RecyclerView.LayoutManager layoutManager;

    FirebaseFirestore db;

    CustomAdapterLogs adapter;
```

```
ProgressDialog pd;

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

    Utils.blackIconStatusBar(AdminLogs.this,R.color.light_background);

    final SwipeRefreshLayout pullToRefresh = findViewById(R.id.pullToRefresh);
    pullToRefresh.setOnRefreshListener(new SwipeRefreshLayout.OnRefreshListener() {
        @Override
        public void onRefresh() {
            refreshData(); // your code
            pullToRefresh.setRefreshing(false);
        }
    });
    db = FirebaseFirestore.getInstance();

    back_admin=findViewById(R.id.back_admin);
    back_admin.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            onBackPressed();
        }
    });

    mRecyclerView = findViewById(R.id.recycler_view);

    mRecyclerView.setHasFixedSize(true);
    layoutManager = new LinearLayoutManager(this);
    mRecyclerView.setLayoutManager(layoutManager);

    pd = new ProgressDialog(this);

    if (Build.VERSION.SDK_INT >= Build.VERSION_CODES.P) {

        animation_fadein = AnimationUtils.loadAnimation(AdminLogs.this,
R.anim.fade_in);

        new Handler().postDelayed(new Runnable() {
            @Override
            public void run() {
                mRecyclerView.setVisibility(View.VISIBLE);
                mRecyclerView.setAnimation(animation_fadein);
            }
        },500);
    }
}
```

```

    }
    showData();
}

public void refreshData(){
    showData();
}

public void showData() {
    db.collection("Logs")
        .get()
        .addOnCompleteListener(new OnCompleteListener<QuerySnapshot>() {
            @Override
            public void onComplete(@NonNull Task<QuerySnapshot> task) {
                modelAdminLogs.clear();
                pd.dismiss();

                for (DocumentSnapshot doc: task.getResult()){
                    Model_logs modelLogs = new Model_logs(doc.getString("id"),
                        doc.getString("p_name"),
                        doc.getString("p_phone"),
                        doc.getString("p_location"),
                        doc.getString("a_name"),
                        doc.getString("a_phone"),
                        doc.getString("a_location"),
                        doc.getString("a_email"),
                        doc.getString("time"));
                    modelAdminLogs.add(modelLogs);
                }
                adapter = new CustomAdapterLogs(AdminLogs.this, modelAdminLogs);
                mRecyclerView.setAdapter(adapter);
            }
        })
        .addOnFailureListener(new OnFailureListener() {
            @Override
            public void onFailure(@NonNull Exception e) {
                pd.dismiss();
                Toast.makeText(AdminLogs.this, e.getMessage(), Toast.LENGTH_SHORT
            ).show();
        }
    });
}

public void deleteData(int index){
    pd.setTitle("Deleting Data...");
    pd.show();

    db.collection("Logs").document(modelAdminLogs.get(index).getId())

```

```

        .delete()
        .addOnCompleteListener(new OnCompleteListener<Void>() {
            @Override
            public void onComplete(@NonNull @NotNull Task<Void> task) {
                Toast.makeText(AdminLogs.this, "Deleted...",
                    Toast.LENGTH_SHORT).show();
                showData();
            }
        })
        .addOnFailureListener(new OnFailureListener() {
            @Override
            public void onFailure(@NonNull @NotNull Exception e) {
                pd.dismiss();
                Toast.makeText(AdminLogs.this, e.getMessage(),
                    Toast.LENGTH_SHORT).show();
            }
        });
    }
}

```

This shows all the booking history of the ambulances, including both patient and ambulance details.

3.2.6 AdminMain.java

```
package com.example.caringnest;
```

```

import androidx.annotation.NonNull;
import androidx.appcompat.app.AppCompatActivity;
import androidx.recyclerview.widget.LinearLayoutManager;
import androidx.recyclerview.widget.RecyclerView;
import androidx.swiperefreshlayout.widget.SwipeRefreshLayout;

```

```

import android.app.ProgressDialog;
import android.content.Intent;
import android.os.Build;
import android.os.Bundle;
import android.os.Handler;
import android.view.View;
import android.view.animation.Animation;
import android.view.animation.AnimationUtils;
import android.widget.Button;
import android.widget.Toast;

```

```

import com.google.android.gms.tasks.OnCompleteListener;
import com.google.android.gms.tasks.OnFailureListener;
import com.google.android.gms.tasks.Task;

```



```
import com.google.firebase.firestore.DocumentSnapshot;
import com.google.firebase.firestore.FirebaseFirestore;
import com.google.firebase.firestore.QuerySnapshot;

import org.jetbrains.annotations.NotNull;

import java.util.ArrayList;
import java.util.List;

import soup.neumorphism.NeumorphFloatingActionButton;

public class AdminMain extends AppCompatActivity {
    Button admin_addDetails, admin_logs;

    NeumorphFloatingActionButton back_admin;

    List<Model_admin> modelAdminList = new ArrayList<>();
    RecyclerView mRecyclerView;
    private Animation animation_fadein;

    RecyclerView.LayoutManager layoutManager;

    FirebaseFirestore db;

    CustomAdapterAdmin adapter;

    ProgressDialog pd;

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

        Utils.blackIconStatusBar(AdminMain.this,R.color.light_background);

        final SwipeRefreshLayout pullToRefresh = findViewById(R.id.pullToRefresh);
        pullToRefresh.setOnRefreshListener(new SwipeRefreshLayout.OnRefreshListener() {
            @Override
            public void onRefresh() {
                refreshData();
                pullToRefresh.setRefreshing(false);
            }
        });

        db = FirebaseFirestore.getInstance();

        back_admin=findViewById(R.id.back_admin);
        back_admin.setOnClickListener(new View.OnClickListener() {
```

```
@Override
public void onClick(View v) {
    onBackPressed();
}
});

admin_addDetails=findViewById(R.id.admin_addDetails);
admin_addDetails.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        startActivity(new Intent(AdminMain.this, AdminAddDetails.class));
    }
});

admin_logs = findViewById(R.id.admin_logs);
admin_logs.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent=new Intent(AdminMain.this,AdminLogs.class);
        startActivity(intent);
    }
});

mRecyclerView = findViewById(R.id.recycler_view);

mRecyclerView.setHasFixedSize(true);
layoutManager = new LinearLayoutManager(this);
mRecyclerView.setLayoutManager(layoutManager);

pd = new ProgressDialog(this);

if (Build.VERSION.SDK_INT >= Build.VERSION_CODES.P) {

    animation_fadein = AnimationUtils.loadAnimation(AdminMain.this,
R.anim.fade_in);

    new Handler().postDelayed(new Runnable() {
        @Override
        public void run() {
            mRecyclerView.setVisibility(View.VISIBLE);
            mRecyclerView.setAnimation(animation_fadein);
        }
    },500);
}
showData();
}

public void refreshData(){
```

```
        showData();
    }

    public void showData() {

        db.collection("Ambulance")
            .get()
            .addOnCompleteListener(new OnCompleteListener<QuerySnapshot>() {
                @Override
                public void onComplete(@NonNull Task<QuerySnapshot> task) {
                    modelAdminList.clear();
                    pd.dismiss();

                    for (DocumentSnapshot doc: task.getResult()){
                        Model_admin modelAdmin = new Model_admin(doc.getString("id"),
                            doc.getString("name"),
                            doc.getString("phone"),
                            doc.getString("location"),
                            doc.getString("email"));
                        modelAdminList.add(modelAdmin);
                    }
                    adapter = new CustomAdapterAdmin(AdminMain.this, modelAdminList);
                    mRecyclerView.setAdapter(adapter);
                }
            })
            .addOnFailureListener(new OnFailureListener() {
                @Override
                public void onFailure(@NonNull Exception e) {
                    Toast.makeText(AdminMain.this, e.getMessage(), Toast.LENGTH_SHORT
).show();
                }
            });
    }

    public void deleteData(int index){
        pd.setTitle("Deleting Data...");
        pd.show();

        db.collection("Ambulance").document(modelAdminList.get(index).getId())
            .delete()
            .addOnCompleteListener(new OnCompleteListener<Void>() {
                @Override
                public void onComplete(@NonNull @NotNull Task<Void> task) {
                    Toast.makeText(AdminMain.this, "Deleted...",
Toast.LENGTH_SHORT).show();
                    showData();
                }
            })
    }
```

```
        .addOnFailureListener(new OnFailureListener() {
            @Override
            public void onFailure(@NonNull @NotNull Exception e) {
                pd.dismiss();
                Toast.makeText(AdminMain.this, e.getMessage(),
                    Toast.LENGTH_SHORT).show();
            }
        });
    }
}
```

This is the main page which is displayed when admin logs in. This page shows list of ambulance details that the admin has entered. It also has option to add new details and can also view history. Admin can also update or delete existing data.

3.2.7 ConfirmBooking.java

```
package com.example.caringnest;

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

import android.content.Intent;
import android.os.Bundle;
import android.util.Log;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;
import android.widget.Toast;

import com.google.android.gms.tasks.OnCompleteListener;
import com.google.android.gms.tasks.OnFailureListener;
import com.google.android.gms.tasks.OnSuccessListener;
import com.google.android.gms.tasks.Task;
import com.google.firebase.firestore.DocumentReference;
import com.google.firebase.firestore.DocumentSnapshot;
import com.google.firebase.firestore.FirebaseFirestore;
import com.squareup.okhttp.internal.framed.Header;

import org.jetbrains.annotations.NotNull;

import java.text.SimpleDateFormat;
import java.util.Date;
import java.util.HashMap;
import java.util.List;
import java.util.Locale;
```

```
import java.util.Map;
import java.util.UUID;

import soup.neumorphism.NeumorphFloatingActionButton;

public class ConfirmBooking extends AppCompatActivity {
    TextView uName, uPhone, uLocation, aName, aPhone, aLocation;
    Button confirm;
    NeumorphFloatingActionButton backBtn;

    String id,id2;
    String name1, phone1, location1, name2, location2, phone2, email2, msg, sub =
"EMERGENCY";

    FirebaseFirestore db;

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

        Utils.blackIconStatusBar(ConfirmBooking.this,R.color.light_background);

        uName = (TextView) findViewById(R.id.uName);
        uPhone = (TextView) findViewById(R.id.uPhone);
        uLocation = (TextView) findViewById(R.id.uLocation);
        aName = (TextView) findViewById(R.id.aName);
        aLocation = (TextView) findViewById(R.id.aLocation);
        aPhone = (TextView) findViewById(R.id.aPhone);
        confirm = (Button) findViewById(R.id.confirm);
        backBtn = findViewById(R.id.backBtn);

        backBtn.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                onBackPressed();
            }
        });

        Intent intent = getIntent();
        String str = intent.getStringExtra("message");
        id = str;

        db = FirebaseFirestore.getInstance();

        DocumentReference docRef = db.collection("User").document("1");
        docRef.get().addOnCompleteListener(new
        OnCompleteListener<DocumentSnapshot>() {
```

```

@Override
public void onComplete(@NonNull Task<DocumentSnapshot> task) {
    name1 = task.getResult().getString("name");
    phone1 = task.getResult().getString("phone");
    location1 = task.getResult().getString("location");

    uName.append(name1);
    uPhone.append(phone1);
    uLocation.append(location1);

    msg = "\nName : " + name1 + "\n\nLocation : " + location1 + "\n\nPhone : " +
phone1;
}
});

DocumentReference docRef2 = db.collection("Ambulance").document(id);
docRef2.get().addOnCompleteListener(new
OnCompleteListener<DocumentSnapshot>() {
    @Override
    public void onComplete(@NonNull Task<DocumentSnapshot> task) {
        DocumentSnapshot document2 = task.getResult();
        name2 = document2.getString("name");
        phone2 = document2.getString("phone");
        location2 = document2.getString("location");
        email2 = document2.getString("email");

        aName.append(name2);
        aPhone.append(phone2);
        aLocation.append(location2);
    }
});

confirm.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        sendMail();
        uploadData(name1,phone1,location1,name2,phone2,location2,email2);
        click(id2);
        deleteData(id);
    }
});
}

private void sendMail() {
    String mail = email2.trim();
    String message = msg;
    String subject = sub.trim();

```

```
        JavaMailApi javaMailApi = new JavaMailApi(this, mail, subject, message);
        javaMailApi.execute();
    }

    public void click(String id2) {
        String str = id2;

        Intent intent = new Intent(getApplicationContext(), Confirmed.class);
        intent.putExtra("message", str);

        startActivity(intent);
        finish();
    }

    private void uploadData(String p_name, String p_phone, String p_location, String
a_name, String a_phone, String a_location, String a_email) {

        SimpleDateFormat sdf = new SimpleDateFormat("HH:mm dd-MM-yyyy",
Locale.getDefault());
        String currentDateandTime = sdf.format(new Date());

        id2 = UUID.randomUUID().toString();

        Map<String, Object> doc = new HashMap<>();
        doc.put("id", id2);

        doc.put("p_name", p_name);
        doc.put("p_phone", p_phone);
        doc.put("p_location", p_location);

        doc.put("a_name", a_name);
        doc.put("a_phone", a_phone);
        doc.put("a_email", a_email);
        doc.put("a_location", a_location);

        doc.put("time", currentDateandTime);

        db.collection("Logs").document(id2).set(doc)
            .addOnCompleteListener(new OnCompleteListener<Void>() {
                @Override
                public void onComplete(@NonNull Task<Void> task) {
                }
            })

        .addOnFailureListener(new OnFailureListener() {
            @Override
            public void onFailure(@NonNull Exception e) {
```

```
        Toast.makeText(ConfirmBooking.this, e.getMessage(),
Toast.LENGTH_SHORT).show();
    }
});
}

public void deleteData(String index){
    db.collection("Ambulance").document(index).delete();
}
}
```

This activity is used for user to confirm his details when he select the ambulance of his preferred choice.

3.2.8 Confirmed.java

```
package com.example.caringnest;

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

import android.Manifest;
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 android.widget.TextView;

import com.google.android.gms.tasks.OnCompleteListener;
import com.google.android.gms.tasks.Task;
import com.google.firebase.firestore.DocumentReference;
import com.google.firebase.firestore.DocumentSnapshot;
import com.google.firebase.firestore.FirebaseFirestore;

public class Confirmed extends AppCompatActivity {

    String id2, cname, clocation,cphone;
    TextView tv3, tv4, tv5;
    Button close,call;
    FirebaseFirestore db;

    @Override
```



```
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_confirmed);

    Utils.blackIconStatusBar(Confirmed.this,R.color.light_background);

    tv3 = (TextView) findViewById(R.id.tv3);
    tv4 = (TextView) findViewById(R.id.tv4);
    tv5 = (TextView) findViewById(R.id.tv5);
    close = (Button) findViewById(R.id.close);
    call = (Button) findViewById(R.id.call);

    db = FirebaseFirestore.getInstance();

    Intent intent = getIntent();
    String str = intent.getStringExtra("message");
    id2 = str;

    DocumentReference docRef = db.collection("Logs").document(id2);
    docRef.get().addOnCompleteListener(new
    OnCompleteListener<DocumentSnapshot>() {
        @Override
        public void onComplete(@NonNull Task<DocumentSnapshot> task) {
            cname=task.getResult().getString("a_name");
            cphone=task.getResult().getString("a_phone");
            clocation=task.getResult().getString("a_location");

            tv3.append(cname);
            tv4.append(cphone);
            tv5.append(clocation);
        }
    });

    close.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            Intent i = new Intent(Confirmed.this, MainSelect.class);
            i.setFlags(Intent.FLAG_ACTIVITY_NEW_TASK |
            Intent.FLAG_ACTIVITY_CLEAR_TASK);
            startActivity(i);
        }
    });

    call.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            final int REQUEST_PHONE_CALL=1;
            if(Build.VERSION.SDK_INT>=Build.VERSION_CODES.M){
```

```

        if(ContextCompat.checkSelfPermission(Confirmed.this,
Manifest.permission.CALL_PHONE)!= PackageManager.PERMISSION_GRANTED){
            ActivityCompat.requestPermissions(Confirmed.this, new
String[]{Manifest.permission.CALL_PHONE},REQUEST_PHONE_CALL);
        }
        else
        {
            String number=cphone.toString();
            Intent callIntent= new Intent(Intent.ACTION_CALL);
            callIntent.setData(Uri.parse("tel:"+ number));
            startActivity(callIntent);
        }
    }
}
});

}
@Override
public void onBackPressed(){
    Intent i = new Intent(Confirmed.this, MainSelect.class);
    i.setFlags(Intent.FLAG_ACTIVITY_NEW_TASK |
Intent.FLAG_ACTIVITY_CLEAR_TASK);
    startActivity(i);
}
}

```

This activity is used to confirm user that he has booked an ambulance.

3.2.9 CustomAdapterAmin.java

```
package com.example.caringnest;
```

```

import android.app.AlertDialog;
import android.content.Context;
import android.content.DialogInterface;
import android.content.Intent;
import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;
import android.widget.Toast;

import androidx.annotation.NonNull;
import androidx.recyclerview.widget.RecyclerView;

import org.jetbrains.annotations.NotNull;

```

```
import java.util.List;

public class CustomAdapterAdmin extends RecyclerView.Adapter<ViewHolderAdmin> {
    AdminMain adminMain;
    List<Model_admin> modelAdminList;
    Context context;

    public CustomAdapterAdmin(AdminMain adminMain, List<Model_admin>
modelAdminList) {
        this.adminMain = adminMain;
        this.modelAdminList = modelAdminList;
    }

    @NonNull
    @NotNull
    @Override
    public ViewHolderAdmin onCreateViewHolder(@NonNull ViewGroup viewGroup, int
i) {
        View itemView = LayoutInflater.from(viewGroup.getContext())
            .inflate(R.layout.model_admin, viewGroup, false);

        ViewHolderAdmin viewHolderAdmin = new ViewHolderAdmin(itemView);
        viewHolderAdmin.setOnClickListener(new ViewHolderAdmin.ClickListener() {
            @Override
            public void onItemClick(View view, int position) {
                AlertDialog.Builder builder = new AlertDialog.Builder(adminMain);
                String[] options = {"Update", "Delete"};
                builder.setItems(options, new DialogInterface.OnClickListener() {
                    @Override
                    public void onClick(DialogInterface dialog, int which) {
                        if(which == 0){
                            String id = modelAdminList.get(position).getId();
                            String name = modelAdminList.get(position).getName();
                            String location = modelAdminList.get(position).getLocation();
                            String phone = modelAdminList.get(position).getPhone();
                            String email = modelAdminList.get(position).getEmail();

                            Intent intent = new Intent(adminMain, AdminAddDetails.class);

                            intent.putExtra("pId", id);
                            intent.putExtra("pName", name);
                            intent.putExtra("pEmail", email);
                            intent.putExtra("pPhone", phone);
                            intent.putExtra("pLocation", location);

                            adminMain.startActivity(intent);
                        }
                        if(which == 1){
```

```

        adminMain.deleteData(position);
    }
}
}).create().show();
}

@Override
public void onItemClick(View view, int position) {
    String name = modelAdminList.get(position).getName();
    String phone = modelAdminList.get(position).getPhone();
    String email = modelAdminList.get(position).getEmail();
    String location = modelAdminList.get(position).getLocation();

    Toast.makeText(adminMain, name+"\n"+phone+"\n"+location+"\n"+email,
Toast.LENGTH_SHORT).show();
    }
});
return viewHolderAdmin;
}

@Override
public void onBindViewHolder(@NonNull ViewHolderAdmin viewHolderAdmin, int i)
{
    viewHolderAdmin.mName.setText(modelAdminList.get(i).getName());
    viewHolderAdmin.mPhone.setText(modelAdminList.get(i).getPhone());
    viewHolderAdmin.mEmail.setText(modelAdminList.get(i).getEmail());
    viewHolderAdmin.mLocation.setText(modelAdminList.get(i).getLocation());
}

@Override
public int getItemCount() {
    return modelAdminList.size();
}
}

```

This activity is used to display the details in the recyclerview of the admin interface. Here it display the details of the ambulance which admin has entered.

3.2.10 CustomAdapterLogs.java

```
package com.example.caringnest;
```

```

import android.app.AlertDialog;
import android.content.Context;
import android.content.DialogInterface;
import android.content.Intent;
import android.view.LayoutInflater;

```

```
import android.view.View;
import android.view.ViewGroup;
import android.widget.Toast;

import androidx.annotation.NonNull;
import androidx.recyclerview.widget.RecyclerView;

import org.jetbrains.annotations.NotNull;

import java.util.List;

public class CustomAdapterLogs extends RecyclerView.Adapter<ViewHolderLogs> {
    AdminLogs adminLogs;
    List<Model_logs> modelLogs;
    Context context;

    public CustomAdapterLogs(AdminLogs adminLogs, List<Model_logs> modelLogs) {
        this.adminLogs = adminLogs;
        this.modelLogs = modelLogs;
    }

    @NonNull
    @NotNull
    @Override
    public ViewHolderLogs onCreateViewHolder(@NonNull ViewGroup viewGroup, int i)
    {
        View itemView = LayoutInflater.from(viewGroup.getContext())
            .inflate(R.layout.model_logs, viewGroup, false);

        ViewHolderLogs viewHolderLogs = new ViewHolderLogs(itemView);
        ViewHolderLogs.setOnClickListener(new ViewHolderLogs.ClickListener() {
            @Override
            public void onItemLongClick(View view, int position) {
                AlertDialog.Builder builder = new AlertDialog.Builder(adminLogs);
                String[] options = { "Delete" };
                builder.setItems(options, new DialogInterface.OnClickListener() {
                    @Override
                    public void onClick(DialogInterface dialog, int which) {
                        if(which == 0){
                            adminLogs.deleteData(position);
                        }
                    }
                }).create().show();
            }

            @Override
            public void onItemClick(View view, int position) {
```

```
        Toast.makeText(adminLogs, "Long press to delete",
Toast.LENGTH_SHORT).show();
    }
});
return viewHolderLogs;
}

@Override
public void onBindViewHolder(@NonNull ViewHolderLogs viewHolderLogs, int i) {

    viewHolderLogs.mpName.setText(modelLogs.get(i).getP_name());
    viewHolderLogs.mpPhone.setText(modelLogs.get(i).getP_phone());
    viewHolderLogs.mpLocation.setText(modelLogs.get(i).getP_location());

    viewHolderLogs.maName.setText(modelLogs.get(i).getA_name());
    viewHolderLogs.maPhone.setText(modelLogs.get(i).getA_phone());
    viewHolderLogs.maEmail.setText(modelLogs.get(i).getA_email());
    viewHolderLogs.maLocation.setText(modelLogs.get(i).getA_location());

    viewHolderLogs.dt.setText(modelLogs.get(i).getTime());
}

@Override
public int getItemCount() {
    return modelLogs.size();
}
}
```

This activity is used to display the details in the recyclerview of history. It displays the history of bookings including both patient details and ambulance details.

3.2.11 CustomAdapterUser.java

```
package com.example.caringnest;

import android.app.AlertDialog;
import android.content.Context;
import android.content.DialogInterface;
import android.content.Intent;
import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;
import android.widget.Toast;

import androidx.annotation.NonNull;
import androidx.recyclerview.widget.RecyclerView;
```

```
import com.google.firebase.firestore.auth.User;

import org.jetbrains.annotations.NotNull;

import java.security.Key;
import java.util.List;

import static androidx.core.content.ContextCompat.startActivity;

public class CustomAdapterUser extends RecyclerView.Adapter<ViewHolderUser> {
    UserMain userMain;
    List<Model_user> modelUserList;
    Context context;
    String id;

    public CustomAdapterUser(UserMain userMain, List<Model_user> modelUserList) {
        this.userMain = userMain;
        this.modelUserList = modelUserList;
    }

    @NonNull
    @NotNull
    @Override
    public ViewHolderUser onCreateViewHolder(@NonNull ViewGroup viewGroup, int i)
    {
        View itemView = LayoutInflater.from(viewGroup.getContext())
            .inflate(R.layout.model_user, viewGroup, false);

        ViewHolderUser viewHolderUser = new ViewHolderUser(itemView);
        viewHolderUser.setOnClickListener(new ViewHolderUser.ClickListener() {

            @Override
            public void onItemClick(View view, int position) {
                String name = modelUserList.get(position).getName();
                String phone = modelUserList.get(position).getPhone();
                String location = modelUserList.get(position).getLocation();

                String id = modelUserList.get(position).getId();

                userMain.click(id);
            }
        });
        return viewHolderUser;
    }

    @Override
    public void onBindViewHolder(@NonNull ViewHolderUser viewHolderUser, int i) {
```

```
        viewHolderUser.mName.setText(modelUserList.get(i).getName());
        viewHolderUser.mPhone.setText(modelUserList.get(i).getPhone());
        viewHolderUser.mLocation.setText(modelUserList.get(i).getLocation());
    }

    @Override
    public int getItemCount() {
        return modelUserList.size();
    }
}
```

This activity is used to display the details in the recyclerview of the user interface. Here it display the details of the ambulance which user can select.

3.2.12 JavaMailApi

```
package com.example.caringnest;
```

```
import android.app.ProgressDialog;
import android.content.Context;
import android.os.AsyncTask;
import android.widget.Toast;
import java.util.Properties;
import javax.mail.Message;
import javax.mail.MessagingException;
import javax.mail.PasswordAuthentication;
import javax.mail.Session;
import javax.mail.Transport;
import javax.mail.internet.InternetAddress;
import javax.mail.internet.MimeMessage;
```

```
public class JavaMailApi extends AsyncTask<Void,Void,Void> {
```

```
    private Context mContext;
    private Session mSession;
```

```
    private String mEmail;
    private String mSubject;
    private String mMessage;
```

```
    private ProgressDialog mProgressDialog;
```

```
    public JavaMailApi(Context mContext, String mEmail, String mSubject, String
mMessage) {
        this.mContext = mContext;
        this.mEmail = mEmail;
        this.mSubject = mSubject;
```



```
        this.mMessage = mMessage;
    }

    @Override
    protected void onPreExecute() {
        super.onPreExecute();
        mProgressDialog = ProgressDialog.show(mContext, "Confirming", "Please
wait...", false, false);
    }

    @Override
    protected void onPostExecute(Void aVoid) {
        super.onPostExecute(aVoid);
        mProgressDialog.dismiss();
    }

    @Override
    protected Void doInBackground(Void... params) {
        Properties props = new Properties();

        props.put("mail.smtp.host", "smtp.gmail.com");
        props.put("mail.smtp.socketFactory.port", "465");
        props.put("mail.smtp.socketFactory.class", "javax.net.ssl.SSLSocketFactory");
        props.put("mail.smtp.auth", "true");
        props.put("mail.smtp.port", "465");

        mSession = Session.getDefaultInstance(props,
            new javax.mail.Authenticator() {
                //Authenticating the password
                protected PasswordAuthentication getPasswordAuthentication() {
                    return new PasswordAuthentication(Utils.EMAIL, Utils.PASSWORD);
                }
            });

        try {
            MimeMessage mm = new MimeMessage(mSession);

            mm.setFrom(new InternetAddress(Utils.EMAIL));
            mm.addRecipient(Message.RecipientType.TO, new InternetAddress(mEmail));
            mm.setSubject(mSubject);
            mm.setText(mMessage);
            Transport.send(mm);
        } catch (MessagingException e) {
            e.printStackTrace();
        }
        return null;
    }
}
```

This is an API that is used to create and send the mail automatically. This will send the mail to the ambulance driver when any user selects their ambulance.

3.2.13 MainSelect.java

```
package com.example.caringnest;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.os.Build;
import android.os.Bundle;
import android.os.Handler;
import android.os.Looper;
import android.view.View;
import android.view.Window;
import android.view.WindowManager;
import android.view.animation.Animation;
import android.view.animation.AnimationUtils;
import android.widget.Button;
import android.widget.LinearLayout;
import android.widget.Toast;

import soup.neumorphism.NeumorphCardView;
import soup.neumorphism.NeumorphFloatingActionButton;

public class MainSelect extends AppCompatActivity {

    Button about;
    LinearLayout layout_main;
    private Animation animation_fadein;

    NeumorphCardView admin_select,user_select;

    boolean doubleBackToExitPressedOnce = false;
    @Override
    public void onBackPressed() {
        if (doubleBackToExitPressedOnce) {
            super.finishAffinity();
            return;
        }

        this.doubleBackToExitPressedOnce = true;
        Toast.makeText(this, "Please click BACK again to exit",
            Toast.LENGTH_SHORT).show();
```

```
new Handler(Looper.getMainLooper()).postDelayed(new Runnable() {
    @Override
    public void run() {
        doubleBackToExitPressedOnce=false;
    }
}, 2000);
}

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

    Utils.blackIconStatusBar(MainSelect.this,R.color.light_background);

    admin_select=findViewById(R.id.admin_select);
    user_select=findViewById(R.id.user_select);
    about = findViewById(R.id.about);

    layout_main = findViewById(R.id.layout_main);

    if (Build.VERSION.SDK_INT >= Build.VERSION_CODES.P) {
        animation_fadein = AnimationUtils.loadAnimation(MainSelect.this,
R.anim.fade_in);

        new Handler().postDelayed(new Runnable() {
            @Override
            public void run() {
                layout_main.setVisibility(View.VISIBLE);
                layout_main.setAnimation(animation_fadein);
            }
        },700);
    }

    about.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            Intent intent=new Intent(MainSelect.this,About.class);
            startActivity(intent);
        }
    });

    admin_select.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            Intent intent=new Intent(MainSelect.this,AdminLogin.class);
            startActivity(intent);
        }
    })
}
```

```
    });

    user_select.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            Intent intent=new Intent(MainSelect.this,UserAddDetails.class);
            startActivity(intent);
        }
    });
}
}
```

This activity comes after MainActivity. Here the app user can select if he is admin or a new user who wants to book an ambulance.

3.2.14 Model_admin.java

```
package com.example.caringnest;
```

```
public class Model_admin {
    String id,name,phone,location,email;

    public Model_admin(){

    }

    public Model_admin(String id, String name, String phone, String location, String email)
    {
        this.id = id;
        this.name = name;
        this.phone = phone;
        this.location = location;
        this.email = email;
    }

    public String getId() {
        return id;
    }

    public void setId(String id) {
        this.id = id;
    }

    public String getName() {
        return name;
    }
}
```

```
public void setName(String name) {
    this.name = name;
}

public String getPhone() {
    return phone;
}

public void setPhone(String phone) {
    this.phone = phone;
}

public String getLocation() {
    return location;
}

public void setLocation(String location) {
    this.location = location;
}

public String getEmail() {
    return email;
}

public void setEmail(String email) {
    this.email = email;
}
}
```

This is used to return the details which will be requested for admin recyclerview.

3.2.15 Model_logs.java

```
package com.example.caringnest;
```

```
public class Model_logs {
    String id, p_name, p_phone, p_location, a_name, a_phone, a_location, a_email, time;

    public Model_logs(){

    }

    public Model_logs(String id, String p_name, String p_phone, String p_location, String
a_name, String a_phone, String a_location, String a_email, String time) {
        this.id = id;
        this.p_name = p_name;
        this.p_phone = p_phone;
    }
}
```

```
        this.p_location = p_location;
        this.a_name = a_name;
        this.a_phone = a_phone;
        this.a_location = a_location;
        this.a_email = a_email;
        this.time = time;
    }

    public String getId() {
        return id;
    }

    public void setId(String id) {
        this.id = id;
    }

    public String getP_name() {
        return p_name;
    }

    public void setP_name(String p_name) {
        this.p_name = p_name;
    }

    public String getP_phone() {
        return p_phone;
    }

    public void setP_phone(String p_phone) {
        this.p_phone = p_phone;
    }

    public String getP_location() {
        return p_location;
    }

    public void setP_location(String p_location) {
        this.p_location = p_location;
    }

    public String getA_name() {
        return a_name;
    }

    public void setA_name(String a_name) {
        this.a_name = a_name;
    }
}
```

```
public String getA_phone() {
    return a_phone;
}

public void setA_phone(String a_phone) {
    this.a_phone = a_phone;
}

public String getA_location() {
    return a_location;
}

public void setA_location(String a_location) {
    this.a_location = a_location;
}

public String getA_email() {
    return a_email;
}

public void setA_email(String a_email) {
    this.a_email = a_email;
}

public String getTime() {
    return time;
}

public void setTime(String time) {
    this.time = time;
}
}
```

This is used to return the details which will be requested for history recyclerview.

3.2.16 Model_user.java

```
package com.example.caringnest;
```

```
public class Model_user {
    String name, phone, location, id;

    public Model_user() {

    }

    public Model_user(String id, String name, String location, String phone) {
```

```
        this.id = id;
        this.name = name;
        this.phone = phone;
        this.location = location;
    }

    public String getId() {
        return id;
    }

    public void setId(String id) {
        this.id = id;
    }

    public String getName() {
        return name;
    }

    public void setName(String name) {
        this.name = name;
    }

    public String getPhone() {
        return phone;
    }

    public void setPhone(String phone) {
        this.phone = phone;
    }

    public String getLocation() {
        return location;
    }

    public void setLocation(String location) {
        this.location = location;
    }
}
```

This is used to return the details which will be requested for user recyclerview.

3.2.17 UserAddDetails.java

```
package com.example.caringnest;

import androidx.annotation.NonNull;
import androidx.appcompat.app.AppCompatActivity;
```



```
import android.app.ProgressDialog;
import android.content.Intent;
import android.os.Build;
import android.os.Bundle;
import android.os.Handler;
import android.view.View;
import android.view.animation.Animation;
import android.view.animation.AnimationUtils;
import android.widget.Button;
import android.widget.EditText;
import android.widget.LinearLayout;
import android.widget.Toast;

import com.google.android.gms.tasks.OnCompleteListener;
import com.google.android.gms.tasks.OnFailureListener;
import com.google.android.gms.tasks.Task;
import com.google.android.material.floatingactionbutton.FloatingActionButton;
import com.google.firebase.firestore.FirebaseFirestore;

import org.jetbrains.annotations.NotNull;

import soup.neumorphism.NeumorphFloatingActionButton;

public class UserAddDetails extends AppCompatActivity {

    EditText u_name, u_phone, u_location;
    Button ubtn_submit;
    NeumorphFloatingActionButton cancelBtn;

    LinearLayout layout_main;

    private Animation animation_fadein;

    String id = "1";

    ProgressDialog pd;
    FirebaseFirestore db;

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

        Utils.blackIconStatusBar(UserAddDetails.this,R.color.light_background);

        u_name = findViewById(R.id.u_name);
        u_phone = findViewById(R.id.u_phone);
```

```
u_location = findViewById(R.id.u_location);
ubtn_submit = findViewById(R.id.ubtn_submit);
cancelBtn = findViewById(R.id.cancelBtn);

layout_main = findViewById(R.id.layout_main);

db = FirebaseFirestore.getInstance();
pd = new ProgressDialog(this);

cancelBtn.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        onBackPressed();
    }
});

if (Build.VERSION.SDK_INT >= Build.VERSION_CODES.P) {
    animation_fadein = AnimationUtils.loadAnimation(UserAddDetails.this,
R.anim.fade_in);

    new Handler().postDelayed(new Runnable() {
        @Override
        public void run() {
            layout_main.setVisibility(View.VISIBLE);
            layout_main.setAnimation(animation_fadein);
        }
    },100);
}

ubtn_submit.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        String name = u_name.getText().toString().trim();
        String phone = u_phone.getText().toString().trim();
        String location = u_location.getText().toString().trim();

        if (!name.isEmpty() && !phone.isEmpty() && !location.isEmpty() &&
phone.length()>=10) {
            updateData(id, name, phone, location);
            startActivity(new Intent(UserAddDetails.this , UserMain.class));
            finish();
        }
        else if(name.isEmpty())
            u_name.setError("Empty fields are not allowed");
        else if(phone.isEmpty())
            u_phone.setError("Empty fields are not allowed");
        else if(location.isEmpty())
            u_location.setError("Empty fields are not allowed");
    }
});
```

```

        else if(phone.length()<10)
            u_phone.setError("Enter valid Phone Number");
    }
});
}

private void updateData(String id, String name, String phone, String location) {

    db.collection("User").document(id)
        .update("name", name, "phone",phone,"location",location)
        .addOnCompleteListener(new OnCompleteListener<Void>() {
            @Override
            public void onComplete(@NonNull @NotNull Task<Void> task) {
            }
        })
        .addOnFailureListener(new OnFailureListener() {
            @Override
            public void onFailure(@NonNull @NotNull Exception e) {
                pd.dismiss();
                Toast.makeText(UserAddDetails.this, e.getMessage(),
                    Toast.LENGTH_SHORT).show();
            }
        });
}
}

```

This activity is used for users to add their details. This comes after the user selects Book Ambulance in MainSelect page.

3.2.18 UserMain.java

```

package com.example.caringnest;

import androidx.annotation.NonNull;
import androidx.appcompat.app.AppCompatActivity;
import androidx.recyclerview.widget.LinearLayoutManager;
import androidx.recyclerview.widget.RecyclerView;
import androidx.swiperefreshlayout.widget.SwipeRefreshLayout;

import android.app.ProgressDialog;
import android.content.Intent;
import android.os.Build;
import android.os.Bundle;
import android.os.Handler;
import android.view.View;
import android.view.animation.Animation;

```

```
import android.view.animation.AnimationUtils;
import android.widget.Button;
import android.widget.Toast;

import com.google.android.gms.tasks.OnCompleteListener;
import com.google.android.gms.tasks.OnFailureListener;
import com.google.android.gms.tasks.Task;
import com.google.firebase.firestore.DocumentSnapshot;
import com.google.firebase.firestore.FirebaseFirestore;
import com.google.firebase.firestore.QuerySnapshot;

import java.util.ArrayList;
import java.util.List;

import soup.neumorphism.NeumorphFloatingActionButton;

import static androidx.core.content.ContextCompat.startActivity;

public class UserMain extends AppCompatActivity {

    NeumorphFloatingActionButton back_user;

    List<Model_user> modelUserList = new ArrayList<>();
    RecyclerView mRecyclerView;

    RecyclerView.LayoutManager layoutManager;
    private Animation animation_fadein;

    FirebaseFirestore db;
    CustomAdapterUser adapter;
    ProgressDialog pd;

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

        Utils.blackIconStatusBar(UserMain.this,R.color.light_background);

        mRecyclerView = findViewById(R.id.u_recycler_view);

        back_user = findViewById(R.id.back_user);
        back_user.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                finish();
            }
        });
    }
}
```

```
final SwipeRefreshLayout pullToRefresh = findViewById(R.id.pullToRefresh);
pullToRefresh.setOnRefreshListener(new SwipeRefreshLayout.OnRefreshListener() {
    @Override
    public void onRefresh() {
        refreshData(); // your code
        pullToRefresh.setRefreshing(false);
    }
});

db = FirebaseFirestore.getInstance();

mRecyclerView.setHasFixedSize(true);
layoutManager = new LinearLayoutManager(this);
mRecyclerView.setLayoutManager(layoutManager);

pd = new ProgressDialog(this);

if (Build.VERSION.SDK_INT >= Build.VERSION_CODES.P) {

    animation_fadein = AnimationUtils.loadAnimation(UserMain.this, R.anim.fade_in);

    new Handler().postDelayed(new Runnable() {
        @Override
        public void run() {
            mRecyclerView.setVisibility(View.VISIBLE);
            mRecyclerView.setAnimation(animation_fadein);
        }
    }, 500);
}
showData();
}

public void refreshData(){
    showData();
}

public void showData() {
    pd.setTitle("Loading Data...");
    pd.show();

    db.collection("Ambulance")
        .get()
        .addOnCompleteListener(new OnCompleteListener<QuerySnapshot>() {
            @Override
            public void onComplete(@NonNull Task<QuerySnapshot> task) {
                modelUserList.clear();
                pd.dismiss();
            }
        });
}
```

```

        for (DocumentSnapshot doc: task.getResult()){
            Model_user modelUser = new Model_user(doc.getString("id"),
                doc.getString("name"),
                doc.getString("location"),
                doc.getString("phone"));
            modelUserList.add(modelUser);
        }
        adapter = new CustomAdapterUser(UserMain.this, modelUserList);

        mRecyclerView.setAdapter(adapter);
    }
})
.addOnFailureListener(new OnFailureListener() {
    @Override
    public void onFailure(@NonNull Exception e) {
        pd.dismiss();

        Toast.makeText(UserMain.this, e.getMessage(), Toast.LENGTH_SHORT
    ).show();
    }
});
}

public void click(String id){
    String str = id;

    Intent intent = new Intent(getApplicationContext(), ConfirmBooking.class);
    intent.putExtra("message", str);
    startActivity(intent);
}
}

```

This activity is shown after user enters their details in UserAddDetails. Here ambulance details will be shown and they can select any one.

3.2.19 Utils.java

```

package com.example.caringnest;

import android.app.Activity;
import android.os.Build;
import android.view.View;
import android.view.WindowManager;

import androidx.annotation.RequiresApi;
import androidx.core.content.ContextCompat;

```

```

public class Utils {
    public static final String EMAIL = "caringnest13@gmail.com", PASSWORD =
    "pranith123";

    @RequiresApi(api = Build.VERSION_CODES.LOLLIPOP)
    public static void blackIconStatusBar(Activity activity, int color){

        activity.getWindow().addFlags(WindowManager.LayoutParams.FLAG_DRAWS_SYSTEM_BAR_BACKGROUNDS);

        activity.getWindow().clearFlags(WindowManager.LayoutParams.FLAG_TRANSLUCENT_STATUS);

        activity.getWindow().getDecorView().setSystemUiVisibility(View.SYSTEM_UI_FLAG_FULLSCREEN);

        activity.getWindow().getDecorView().setSystemUiVisibility(View.SYSTEM_UI_FLAG_LIGHT_STATUS_BAR);
        activity.getWindow().setStatusBarColor(ContextCompat.getColor(activity, color));
    }
}

```

This activity contains login details of the account which is used by JavaMailApi to send mail automatically. It is also used to change the color of notification bar.

3.2.20 ViewHolderAdmin.java

```

package com.example.caringnest;

import android.view.View;
import android.widget.TextView;

import androidx.annotation.NonNull;
import androidx.recyclerview.widget.RecyclerView;

public class ViewHolderAdmin extends RecyclerView.ViewHolder {
    TextView mName,mPhone,mLocation,mEmail;
    View mView;

    public ViewHolderAdmin(@NonNull View itemView) {
        super(itemView);

        mView = itemView;

        itemView.setOnClickListener(new View.OnClickListener() {
            @Override

```

```

        public void onClick(View v) {
            mClickListener.onItemClick(v, getAdapterPosition());
        }
    });

    itemView.setOnLongClickListener(new View.OnLongClickListener() {
        @Override
        public boolean onLongClick(View v) {
            mClickListener.onItemLongClick(v, getAdapterPosition());
            return true;
        }
    });

    mName = itemView.findViewById(R.id.rName);
    mPhone = itemView.findViewById(R.id.rPhone);
    mLocation = itemView.findViewById(R.id.rLocation);
    mEmail = itemView.findViewById(R.id.rEmail);
}

public ViewHolderAdmin.ClickListener mClickListener;

public interface ClickListener {
    void onItemClick(View view,int position);
    void onItemLongClick(View view, int position);
}

public void setOnClickListener(ViewHolderAdmin.ClickListener clickListener){
    mClickListener = clickListener;
}
}

```

This is used to return the data of the adapter that has been selected by admin in AdminMain page.

3.2.21 ViewHolderLogs.java

```

package com.example.caringnest;

import android.view.View;
import android.widget.TextView;

import androidx.annotation.NonNull;
import androidx.recyclerview.widget.RecyclerView;

public class ViewHolderLogs extends RecyclerView.ViewHolder {
    TextView mpName,mpPhone,mpLocation,maEmail,maName,maPhone,maLocation,dt;
    View mView;
}

```



```
public ViewHolderLogs(@NonNull View itemView) {
    super(itemView);

    mView = itemView;
    dt = itemView.findViewById(R.id.dt);

    mpName = itemView.findViewById(R.id.pName);
    mpPhone = itemView.findViewById(R.id.pPhone);
    mpLocation = itemView.findViewById(R.id.pLocation);

    maName = itemView.findViewById(R.id.aName);
    maPhone = itemView.findViewById(R.id.aPhone);
    maLocation = itemView.findViewById(R.id.aLocation);
    maEmail = itemView.findViewById(R.id.aEmail);

    itemView.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            mClickListener.onItemClick(v, getAdapterPosition());
        }
    });

    itemView.setOnLongClickListener(new View.OnLongClickListener() {
        @Override
        public boolean onLongClick(View v) {
            mClickListener.onItemLongClick(v, getAdapterPosition());
            return true;
        }
    });
}

public static ViewHolderLogs.ClickListener mClickListener;

public interface ClickListener {
    void onItemClick(View view,int position);
    void onItemLongClick(View view, int position);
}

public static void setOnClickListener(ViewHolderLogs.ClickListener clickListener){
    mClickListener = clickListener;
}
}
```

This is used to return the data of the adapter that has been selected by admin in booking history page.

3.2.22 ViewHolderUser.java

```
package com.example.caringnest;

import android.view.View;
import android.widget.TextView;

import androidx.annotation.NonNull;
import androidx.recyclerview.widget.RecyclerView;

public class ViewHolderUser extends RecyclerView.ViewHolder {
    TextView mName,mPhone,mLocation;
    View mView;

    public ViewHolderUser(@NonNull View itemView) {
        super(itemView);

        mView = itemView;

        itemView.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                mClickListener.onItemClick(v, getAdapterPosition());
            }
        });

        mName = itemView.findViewById(R.id.rName);
        mPhone = itemView.findViewById(R.id.rPhone);
        mLocation = itemView.findViewById(R.id.rLocation);
    }

    public ViewHolderUser.ClickListener mClickListener;

    public interface ClickListener {
        void onItemClick(View view,int position);
    }

    public void setOnClickListener(ViewHolderUser.ClickListener clickListener){
        mClickListener = clickListener;
    }
}
```

This is used to return the data of the adapter that has been selected by user in UserMain page.

3.2.23 Layout.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout 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="@color/light_background"  
tools:context=".MainActivity">
```

```
<LinearLayout  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:orientation="vertical"  
    android:layout_centerInParent="true"  
    android:gravity="center">
```

```
<soup.neumorphism.NeumorphImageView  
    style="@style/LogoBackground"  
    android:id="@+id/img_logo"  
    android:layout_width="150dp"  
    android:layout_height="150dp"  
    android:src="@mipmap/ic_launcher_foreground"  
    android:layout_centerInParent="true"  
    android:transitionName="logo_icon"/>
```

```
<TextView  
    android:id="@+id/tv_name"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:text="Caring Nest"  
    android:layout_centerHorizontal="true"  
    android:layout_below="@id/img_logo"  
    android:textSize="45sp"  
    android:layout_marginTop="15dp"  
    android:fontFamily="sans-serif-light"  
    android:textColor="@color/textColor"  
    android:transitionName="logo_text"/>
```

```
</LinearLayout>  
</RelativeLayout>
```

This is the layout of the main landing page of the app.

3.2.24 cursor.xml

```
<?xml version="1.0" encoding="utf-8"?>
<shape xmlns:android="http://schemas.android.com/apk/res/android"
    android:shape="rectangle">
    <size android:width="2dp"/>
    <solid android:color="@color/textColor"/>

</shape>
```

This is used to change the color of the cursor of editText fields.

3.2.25 ic_admin_background.xml

```
<?xml version="1.0" encoding="utf-8"?>
<vector xmlns:android="http://schemas.android.com/apk/res/android"
    android:width="120dp"
    android:height="120dp"
    android:viewportWidth="120"
    android:viewportHeight="120">
    <group android:scaleX="0"
        android:scaleY="0"
        android:translateX="60"
        android:translateY="60">
        <path android:fillColor="#3DDC84"
            android:pathData="M0,0h108v108h-108z"/>
        <path android:fillColor="#00000000" android:pathData="M9,0L9,108"
            android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
        <path android:fillColor="#00000000" android:pathData="M19,0L19,108"
            android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
        <path android:fillColor="#00000000" android:pathData="M29,0L29,108"
            android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
        <path android:fillColor="#00000000" android:pathData="M39,0L39,108"
            android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
        <path android:fillColor="#00000000" android:pathData="M49,0L49,108"
            android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
        <path android:fillColor="#00000000" android:pathData="M59,0L59,108"
            android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
        <path android:fillColor="#00000000" android:pathData="M69,0L69,108"
            android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
```

```
<path android:fillColor="#00000000" android:pathData="M79,0L79,108"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M89,0L89,108"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M99,0L99,108"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M0,9L108,9"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M0,19L108,19"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M0,29L108,29"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M0,39L108,39"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M0,49L108,49"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M0,59L108,59"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M0,69L108,69"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M0,79L108,79"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M0,89L108,89"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M0,99L108,99"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M19,29L89,29"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M19,39L89,39"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M19,49L89,49"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M19,59L89,59"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M19,69L89,69"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M19,79L89,79"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M29,19L29,89"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
```

```

<path android:fillColor="#00000000" android:pathData="M39,19L39,89"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M49,19L49,89"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M59,19L59,89"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M69,19L69,89"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M79,19L79,89"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
</group>
</vector>

```

This is used to style the background of the admin page.

3.2.26 ic_baseline_arrow_black_24.xml

```

<vector xmlns:android="http://schemas.android.com/apk/res/android"
      android:width="24dp"
      android:height="24dp"
      android:viewportWidth="24"
      android:viewportHeight="24"
      android:tint="@color/textColor">
  <path
    android:fillColor="@android:color/white"
    android:pathData="M20,11H7.83l5.59,-5.59L12,4l-8,8,8,1.41,-1.41L7.83,13H20v-2z"/>
</vector>

```

This is used to style the back arrow.

3.2.27 ic_baseline_check_24.xml

```

<vector xmlns:android="http://schemas.android.com/apk/res/android"
      android:width="24dp"
      android:height="24dp"
      android:viewportWidth="24"
      android:viewportHeight="24"
      android:tint="?attr/colorControlNormal">

```

```

<path
    android:fillColor="@android:color/white"
    android:pathData="M9,16.17L4.83,12l-1.42,1.41L9,19 21,7l-1.41,-1.41z"/>
</vector>

```

3.2.28 ic_baseline_clear_24.xml

```

<vector xmlns:android="http://schemas.android.com/apk/res/android"
    android:width="24dp"
    android:height="24dp"
    android:viewportWidth="24"
    android:viewportHeight="24"
    android:tint="@color/textColor">
    <path
        android:fillColor="@android:color/white"
        android:pathData="M19,6.41L17.59,5 12,10.59 6.41,5 5,6.41 10.59,12 5,17.59 6.41,19
12,13.41 17.59,19 19,17.59 13.41,12z"/>
    </vector>

```

This is used to style the back arrow.

3.2.29 ic_booking_background.xml

```

<?xml version="1.0" encoding="utf-8"?>
<vector xmlns:android="http://schemas.android.com/apk/res/android"
    android:width="120dp"
    android:height="120dp"
    android:viewportWidth="120"
    android:viewportHeight="120">
    <group android:scaleX="0"
        android:scaleY="0"
        android:translateX="60"
        android:translateY="60">
        <path android:fillColor="#3DDC84"
            android:pathData="M0,0h108v108h-108z"/>
        <path android:fillColor="#00000000" android:pathData="M9,0L9,108"
            android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
        <path android:fillColor="#00000000" android:pathData="M19,0L19,108"
            android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
    </group>

```

```
<path android:fillColor="#00000000" android:pathData="M29,0L29,108"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M39,0L39,108"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M49,0L49,108"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M59,0L59,108"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M69,0L69,108"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M79,0L79,108"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M89,0L89,108"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M99,0L99,108"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M0,9L108,9"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M0,19L108,19"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M0,29L108,29"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M0,39L108,39"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M0,49L108,49"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M0,59L108,59"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M0,69L108,69"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M0,79L108,79"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M0,89L108,89"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M0,99L108,99"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M19,29L89,29"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M19,39L89,39"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
```



```

<path android:fillColor="#00000000" android:pathData="M19,49L89,49"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M19,59L89,59"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M19,69L89,69"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M19,79L89,79"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M29,19L29,89"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M39,19L39,89"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M49,19L49,89"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M59,19L59,89"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M69,19L69,89"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M79,19L79,89"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
</group>
</vector>

```

3.2.30 ic_channel_background.xml

```

<?xml version="1.0" encoding="utf-8"?>
<vector xmlns:android="http://schemas.android.com/apk/res/android"
      android:width="120dp"
      android:height="120dp"
      android:viewportWidth="120"
      android:viewportHeight="120">
  <group android:scaleX="0"
        android:scaleY="0"
        android:translateX="60"
        android:translateY="60">
    <path android:fillColor="#3DDC84"
          android:pathData="M0,0h108v108h-108z"/>
    <path android:fillColor="#00000000" android:pathData="M9,0L9,108"
          android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>

```

```
<path android:fillColor="#00000000" android:pathData="M19,0L19,108"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M29,0L29,108"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M39,0L39,108"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M49,0L49,108"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M59,0L59,108"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M69,0L69,108"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M79,0L79,108"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M89,0L89,108"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M99,0L99,108"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M0,9L108,9"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M0,19L108,19"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M0,29L108,29"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M0,39L108,39"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M0,49L108,49"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M0,59L108,59"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M0,69L108,69"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M0,79L108,79"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M0,89L108,89"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M0,99L108,99"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M19,29L89,29"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
```

```

<path android:fillColor="#00000000" android:pathData="M19,39L89,39"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M19,49L89,49"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M19,59L89,59"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M19,69L89,69"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M19,79L89,79"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M29,19L29,89"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M39,19L39,89"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M49,19L49,89"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M59,19L59,89"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M69,19L69,89"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
<path android:fillColor="#00000000" android:pathData="M79,19L79,89"
      android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
</group>
</vector>

```

3.2.31 ic_channel_foreground.xml

```

<vector xmlns:android="http://schemas.android.com/apk/res/android"
      android:width="120dp"
      android:height="120dp"
      android:viewportWidth="120"
      android:viewportHeight="120"
      android:tint="#C50202">
  <group android:scaleX="2.9"
        android:scaleY="2.9"
        android:translateX="25.2"
        android:translateY="25.2">
    <path
      android:fillColor="@android:color/white"

```

```

        android:pathData="M15,1L9,1v2h6L15,1zM11,14h2L13,8h-2v6zM19.03,7.39l1.42,-
1.42c-0.43,-0.51 -0.9,-0.99 -1.41,-1.41l-1.42,1.42C16.07,4.74 14.12,4 12,4c-4.97,0 -9,4.03 -
9,9s4.02,9 9,9 -4.03 9,-9c0,-2.12 -0.74,-4.07 -1.97,-5.61zM12,20c-3.87,0 -7,-3.13 -7,-
7s3.13,-7 7,-7 7,3.13 7,7 -3.13,7 -7,7z"/>
    </group>
</vector>

```

This is used to style the screen that will be displayed when booking is confirmed.

3.2.32 ic_icons_info.xml

```

<vector xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:aapt="http://schemas.android.com/aapt"
    android:width="240dp"
    android:height="240dp"
    android:viewportWidth="240"
    android:viewportHeight="240">
    <path
        android:pathData="M220.203,120.609C220.203,175.836 175.43,220.609
120.203,220.609C64.98,220.609 20.203,175.836 20.203,120.609C20.203,65.387
64.98,20.609 120.203,20.609C175.43,20.609 220.203,65.387
220.203,120.609ZM220.203,120.609"
        android:fillType="nonZero"
        android:strokeColor="#00000000">
    <aapt:attr name="android:fillColor">
    <gradient
        android:startY="49.90001"
        android:startX="49.49501"
        android:endY="191.32004"
        android:endX="190.91502"
        android:type="linear">
    <item android:offset="0" android:color="#FFF3FEFF"/>
    <item android:offset="1" android:color="#FFECF0F3"/>
    </gradient>
    </aapt:attr>
    </path>
    <path
        android:pathData="M120,88.66C128.5,88.66 133.25,83.32
133.25,76.719C133.25,70.121 128.234,65 120,65C111.766,65 106.75,70.121
106.75,76.719C106.75,83.32 111.5,88.66 120,88.66ZM120,88.66"

```

```

        android:fillColor="#193566"
        android:fillType="nonZero"
        android:strokeColor="#00000000"/>
    <path
        android:pathData="M110,100L130,100L130,175L110,175ZM110,100"
        android:fillColor="#193566"
        android:fillType="nonZero"
        android:strokeColor="#00000000"/>
</vector>

```

This is used to style the info 'I' icon.

3.2.33 ic_launcher_foreground.xml

```

<vector xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:aapt="http://schemas.android.com/aapt"
    android:width="108dp"
    android:height="108dp"
    android:viewportWidth="108"
    android:viewportHeight="108">
    <path android:pathData="M31,63.928c0,0 6.4,-11 12.1,-13.1c7.2,-2.6 26,-1.4 26,-1.4l38.1,38.1L107,108.928l-32,-1L31,63.928z">
        <aapt:attr name="android:fillColor">
            <gradient
                android:endX="85.84757"
                android:endY="92.4963"
                android:startX="42.9492"
                android:startY="49.59793"
                android:type="linear">
                <item
                    android:color="#44000000"
                    android:offset="0.0" />
                <item
                    android:color="#00000000"
                    android:offset="1.0" />
            </gradient>
        </aapt:attr>
    </path>
</path>

```

```

        android:fillColor="#FFFFFF"
        android:fillType="nonZero"
        android:pathData="M65.3,45.828l3.8,-6.6c0.2,-0.4 0.1,-0.9 -0.3,-1.1c-0.4,-0.2 -0.9,-0.1
-1.1,0.3l-3.9,6.7c-6.3,-2.8   -13.4,-2.8   -19.7,0l-3.9,-6.7c-0.2,-0.4   -0.7,-0.5   -1.1,-
0.3C38.8,38.328   38.7,38.828   38.9,39.228l3.8,6.6C36.2,49.428   31.7,56.028
31,63.928h46C76.3,56.028 71.8,49.428 65.3,45.828zM43.4,57.328c-0.8,0 -1.5,-0.5 -1.8,-
1.2c-0.3,-0.7 -0.1,-1.5 0.4,-2.1c0.5,-0.5 1.4,-0.7 2.1,-0.4c0.7,0.3 1.2,1 1.2,1.8C45.3,56.528
44.5,57.328 43.4,57.328L43.4,57.328zM64.6,57.328c-0.8,0 -1.5,-0.5 -1.8,-1.2s-0.1,-1.5
0.4,-2.1c0.5,-0.5 1.4,-0.7 2.1,-0.4c0.7,0.3 1.2,1 1.2,1.8C66.5,56.528 65.6,57.328
64.6,57.328L64.6,57.328z"
        android:strokeWidth="1"
        android:strokeColor="#00000000" />
</vector>

```

3.2.38 ic_user_background.xml

```

<?xml version="1.0" encoding="utf-8"?>
<vector xmlns:android="http://schemas.android.com/apk/res/android"
    android:width="120dp"
    android:height="120dp"
    android:viewportWidth="120"
    android:viewportHeight="120">
    <group android:scaleX="0"
        android:scaleY="0"
        android:translateX="60"
        android:translateY="60">
        <path android:fillColor="#3DDC84"
            android:pathData="M0,0h108v108h-108z"/>
        <path android:fillColor="#00000000" android:pathData="M9,0L9,108"
            android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
        <path android:fillColor="#00000000" android:pathData="M19,0L19,108"
            android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
        <path android:fillColor="#00000000" android:pathData="M29,0L29,108"
            android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
        <path android:fillColor="#00000000" android:pathData="M39,0L39,108"
            android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
        <path android:fillColor="#00000000" android:pathData="M49,0L49,108"
            android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
        <path android:fillColor="#00000000" android:pathData="M59,0L59,108"
            android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
        <path android:fillColor="#00000000" android:pathData="M69,0L69,108"

```

```
        android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
    <path android:fillColor="#00000000" android:pathData="M79,0L79,108"
        android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
    <path android:fillColor="#00000000" android:pathData="M89,0L89,108"
        android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
    <path android:fillColor="#00000000" android:pathData="M99,0L99,108"
        android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
    <path android:fillColor="#00000000" android:pathData="M0,9L108,9"
        android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
    <path android:fillColor="#00000000" android:pathData="M0,19L108,19"
        android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
    <path android:fillColor="#00000000" android:pathData="M0,29L108,29"
        android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
    <path android:fillColor="#00000000" android:pathData="M0,39L108,39"
        android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
    <path android:fillColor="#00000000" android:pathData="M0,49L108,49"
        android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
    <path android:fillColor="#00000000" android:pathData="M0,59L108,59"
        android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
    <path android:fillColor="#00000000" android:pathData="M0,69L108,69"
        android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
    <path android:fillColor="#00000000" android:pathData="M0,79L108,79"
        android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
    <path android:fillColor="#00000000" android:pathData="M0,89L108,89"
        android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
    <path android:fillColor="#00000000" android:pathData="M0,99L108,99"
        android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
    <path android:fillColor="#00000000" android:pathData="M19,29L89,29"
        android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
    <path android:fillColor="#00000000" android:pathData="M19,39L89,39"
        android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
    <path android:fillColor="#00000000" android:pathData="M19,49L89,49"
        android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
    <path android:fillColor="#00000000" android:pathData="M19,59L89,59"
        android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
    <path android:fillColor="#00000000" android:pathData="M19,69L89,69"
        android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
    <path android:fillColor="#00000000" android:pathData="M19,79L89,79"
        android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
    <path android:fillColor="#00000000" android:pathData="M29,19L29,89"
```



```

        android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
    <path android:fillColor="#00000000" android:pathData="M39,19L39,89"
        android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
    <path android:fillColor="#00000000" android:pathData="M49,19L49,89"
        android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
    <path android:fillColor="#00000000" android:pathData="M59,19L59,89"
        android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
    <path android:fillColor="#00000000" android:pathData="M69,19L69,89"
        android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
    <path android:fillColor="#00000000" android:pathData="M79,19L79,89"
        android:strokeColor="#33FFFFFF" android:strokeWidth="0.8"/>
</group>
</vector>

```

3.2.39 no_background.xml

```

<?xml version="1.0" encoding="utf-8"?>
<selector xmlns:android="http://schemas.android.com/apk/res/android">
</selector>

```

3.2.40 activity_about.xml

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout 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"
    tools:context=".About"
    android:background="@color/light_background">

    <soup.neumorphism.NeumorphFloatingActionButton
        style="@style/Widget.Neumorph.FloatingActionButton"
        android:id="@+id/cancel"
        android:layout_width="80dp"
        android:layout_height="80dp"
        android:scaleType="center"
        android:src="@drawable/ic_baseline_clear_24"
    >

```



```
        android:layout_alignParentEnd="true"
        android:layout_marginRight="10dp">
</soup.neumorphism.NeumorphFloatingActionButton>

<TextView
    android:id="@+id/tv1"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Caring Nest"
    android:textSize="45sp"
    android:textStyle="bold"
    android:textColor="@color/textColor"
    android:layout_below="@id/cancel"
    android:layout_marginLeft="30dp"/>

<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_below="@id/tv1"
    android:textSize="22sp"
    android:layout_marginLeft="30dp"
    android:layout_marginRight="30dp"
    android:layout_marginTop="30dp"
    android:textColor="@color/textColor"
    android:lineSpacingExtra="15dp"
    android:fontFamily="sans-serif"
    android:text="This app helps the user to book an ambulance in case of any emergencies
with minimal interactions and provides necessary details of the patient to the respective
ambulance driver with just one click." />
</RelativeLayout>
```

This is used to display the info of the app.

3.2.41 activity_admin_add_details.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout android:layout_width="match_parent"
    android:layout_height="match_parent"
    xmlns:app="http://schemas.android.com/apk/res-auto"
```

```
android:background="@color/light_background"
xmlns:android="http://schemas.android.com/apk/res/android">
```

```
<soup.neumorphism.NeumorphFloatingActionButton
    style="@style/Widget.Neumorph.FloatingActionButton"
    android:id="@+id/btn_cancel"
    android:layout_width="80dp"
    android:layout_height="80dp"
    android:scaleType="center"
    android:src="@drawable/ic_baseline_clear_24"
    android:layout_alignParentEnd="true"
    android:layout_marginRight="10dp">
```

```
</soup.neumorphism.NeumorphFloatingActionButton>
```

```
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:id="@+id/admin_addDetails_head"
    android:layout_below="@id/btn_cancel"
    android:text="Add Ambulance Details"
    android:layout_marginTop="20dp"
    android:textStyle="bold"
    android:textColor="@color/textColor"
    android:layout_marginLeft="30dp"
    android:textSize="40dp"> </TextView>
```

```
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:id="@+id/tv1"
    android:layout_below="@id/admin_addDetails_head"
    android:text="Enter details carefully"
    android:textColor="@color/textHint"
    android:layout_marginLeft="30dp"
    android:textSize="20dp"> </TextView>
```

```
<LinearLayout
    android:id="@+id/layout_main"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
```

```
android:orientation="vertical"
android:layout_below="@id/tv1"
android:visibility="gone">
<soup.neumorphism.NeumorphCardView
    android:id="@+id/n1"
    android:layout_width="match_parent"
    android:layout_height="80dp"
    android:layout_marginLeft="15dp"
    android:layout_marginRight="15dp"
    app:neumorph_shapeType="pressed"
    android:layout_marginTop="25dp">
    <EditText
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:id="@+id/et_name"
        android:inputType="text"
        android:hint="Name"
        android:textColor="@color/textColor"
        android:textColorHint="@color/textHint"
        android:paddingStart="15dp"
        android:paddingEnd="15dp"
        android:textSize="20dp"
        android:textCursorDrawable="@drawable/cursor"
        android:background="@drawable/no_background">
    </EditText>
</soup.neumorphism.NeumorphCardView>

<soup.neumorphism.NeumorphCardView
    android:id="@+id/n2"
    android:layout_width="match_parent"
    android:layout_height="80dp"
    android:layout_marginLeft="15dp"
    android:layout_marginRight="15dp"
    app:neumorph_shapeType="pressed">
    <EditText
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:id="@+id/et_phone"
        android:inputType="phone"
        android:hint="Phone Number"
```

```
        android:textColor="@color/textColor"
        android:textColorHint="@color/textHint"
        android:paddingStart="15dp"
        android:paddingEnd="15dp"
        android:textSize="20dp"
        android:textCursorDrawable="@drawable/cursor"
        android:background="@drawable/no_background">
    </EditText>
</soup.neumorphism.NeumorphCardView>
```

```
<soup.neumorphism.NeumorphCardView
    android:id="@+id/n3"
    android:layout_width="match_parent"
    android:layout_height="80dp"
    android:layout_marginLeft="15dp"
    android:layout_marginRight="15dp"
    app:neumorph_shapeType="pressed">
    <EditText
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:id="@+id/et_location"
        android:inputType="text"
        android:hint="Location"
        android:textColor="@color/textColor"
        android:textColorHint="@color/textHint"
        android:paddingStart="15dp"
        android:paddingEnd="15dp"
        android:textSize="20dp"
        android:textCursorDrawable="@drawable/cursor"
        android:background="@drawable/no_background">
    </EditText>
</soup.neumorphism.NeumorphCardView>
```

```
<soup.neumorphism.NeumorphCardView
    android:id="@+id/n4"
    android:layout_width="match_parent"
    android:layout_height="80dp"
    android:layout_marginLeft="15dp"
    android:layout_marginRight="15dp"
    app:neumorph_shapeType="pressed">
```

```
<EditText
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:id="@+id/et_email"
    android:inputType="textEmailAddress"
    android:hint="Email"
    android:textColor="@color/textColor"
    android:textColorHint="@color/textHint"
    android:paddingStart="15dp"
    android:paddingEnd="15dp"
    android:textSize="20dp"
    android:textCursorDrawable="@drawable/cursor"
    android:background="@drawable/no_background">
</EditText>
</soup.neumorphism.NeumorphCardView>

<soup.neumorphism.NeumorphButton
    style="@style/Widget.Neumorph.Button"
    android:layout_width="200dp"
    android:layout_height="wrap_content"
    android:id="@+id/btn_addDetails"
    android:text="Add Details"
    android:textColor="@color/textColor"
    android:layout_below="@id/et_email"
    android:layout_centerHorizontal="true"
    android:textSize="18dp"
    android:layout_marginTop="20dp"
    android:layout_gravity="center">
</soup.neumorphism.NeumorphButton>
</LinearLayout>
</RelativeLayout>
```

3.2.42 activity_admin_login.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout android:layout_width="match_parent"
    android:layout_height="match_parent"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    android:background="@color/light_background"
```

```
xmlns:android="http://schemas.android.com/apk/res/android">
```

```
<TextView
```

```
    android:id="@+id/tv"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Admin Login"
    android:textSize="45sp"
    android:textStyle="bold"
    android:textColor="@color/textColor"
    android:layout_marginLeft="30dp"
    android:layout_marginTop="140dp"> </TextView>
```

```
<LinearLayout
```

```
    android:id="@+id/layout_main"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_below="@id/tv"
    android:orientation="vertical"
    android:visibility="gone"
    android:layout_marginTop="10dp">
```

```
<soup.neumorphism.NeumorphCardView
```

```
    android:id="@+id/n1"
    android:layout_width="match_parent"
    android:layout_height="80dp"
    android:layout_marginLeft="15dp"
    android:layout_marginRight="15dp"
    app:neumorph_shapeType="pressed"
    android:layout_marginTop="25dp">
```

```
<EditText
```

```
    android:id="@+id/et_adminEmail"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:inputType="text"
    android:hint="Userame"
    android:textColor="@color/textColor"
    android:textColorHint="@color/textHint"
    android:paddingStart="15dp"
    android:paddingEnd="15dp"
    android:textSize="20dp"
```

```
        android:textCursorDrawable="@drawable/cursor"
        android:background="@drawable/no_background"/>
</soup.neumorphism.NeumorphCardView>

<soup.neumorphism.NeumorphCardView
    android:id="@+id/n2"
    android:layout_width="match_parent"
    android:layout_height="80dp"
    android:layout_marginLeft="15dp"
    android:layout_marginRight="15dp"
    app:neumorph_shapeType="pressed"
    android:layout_below="@id/n1">
    <EditText
        android:id="@+id/et_adminPass"
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:inputType="textPassword"
        android:hint="Password"
        android:textColorHint="@color/textHint"
        android:textColor="@color/textColor"
        android:paddingStart="15dp"
        android:paddingEnd="15dp"
        android:textSize="20dp"
        android:textCursorDrawable="@drawable/cursor"
        android:background="@drawable/no_background"/>
    </soup.neumorphism.NeumorphCardView>

<soup.neumorphism.NeumorphButton
    style="@style/Widget.Neumorph.Button"
    android:layout_width="150dp"
    android:layout_height="wrap_content"
    android:id="@+id/btn_adminLogin"
    android:text="Login"
    android:textSize="18dp"
    android:textColor="@color/textColor"
    android:layout_below="@id/layout_main"
    android:layout_gravity="center"
    android:layout_marginTop="30dp">
</soup.neumorphism.NeumorphButton>
</LinearLayout>
```

```
<soup.neumorphism.NeumorphFloatingActionButton
    style="@style/Widget.Neumorph.FloatingActionButton"
    android:id="@+id/btn_home"
    android:layout_width="80dp"
    android:layout_height="80dp"
    android:scaleType="center"
    android:src="@drawable/ic_baseline_clear_24"
    android:layout_alignParentEnd="true"
    android:layout_marginRight="10dp">
</soup.neumorphism.NeumorphFloatingActionButton>
</RelativeLayout>
```

3.2.43 activity_admin_logs.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="@color/light_background"
    xmlns:android="http://schemas.android.com/apk/res/android">

    <soup.neumorphism.NeumorphFloatingActionButton
        style="@style/Widget.Neumorph.FloatingActionButton"
        android:layout_width="80dp"
        android:layout_height="80dp"
        android:id="@+id/back_admin"
        android:src="@drawable/ic_baseline_clear_24"
        android:scaleType="center"
        android:layout_alignParentEnd="true"
        android:layout_marginRight="15dp">
    </soup.neumorphism.NeumorphFloatingActionButton>

    <TextView
        android:id="@+id/tv"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="History"
        android:textColor="@color/textColor"
        android:layout_below="@id/back_admin"
```



```

        android:textSize="40sp"
        android:textStyle="bold"
        android:layout_marginLeft="30dp"
        android:layout_marginTop="15dp"/>

<androidx.swiperefreshlayout.widget.SwipeRefreshLayout
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:id="@+id/pullToRefresh"
    android:layout_marginTop="20dp"
    android:layout_below="@id/tv">
    <androidx.recyclerview.widget.RecyclerView
        android:id="@+id/recycler_view"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:visibility="gone" />
    </androidx.swiperefreshlayout.widget.SwipeRefreshLayout>
</RelativeLayout>

```

This is used to style the admin logo.

3.2.44 activity_admin_main.xml

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="@color/light_background"
    xmlns:android="http://schemas.android.com/apk/res/android">

    <soup.neumorphism.NeumorphFloatingActionButton
        style="@style/Widget.Neumorph.FloatingActionButton"
        android:layout_width="80dp"
        android:layout_height="80dp"
        android:id="@+id/back_admin"
        android:scaleType="center"
        android:src="@drawable/ic_baseline_arrow_back_24"
        android:layout_alignParentStart="true"
        android:layout_marginLeft="10dp">
    </soup.neumorphism.NeumorphFloatingActionButton>

```

```
<soup.neumorphism.NeumorphButton
    style="@style/Widget.Neumorph.Button"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:id="@+id/admin_addDetails"
    android:text="Add details"
    android:layout_below="@id/back_admin"
    android:layout_marginLeft="15dp"
    android:textColor="@color/textColor"
    android:layout_marginRight="15dp"
    android:textSize="18dp"
    android:layout_centerHorizontal="true"
    android:layout_marginTop="15dp"> </soup.neumorphism.NeumorphButton>
```

```
<soup.neumorphism.NeumorphButton
    style="@style/Widget.Neumorph.Button"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:id="@+id/admin_logs"
    android:text="Booking History"
    android:textColor="@color/textColor"
    android:layout_below="@id/admin_addDetails"
    android:layout_marginLeft="15dp"
    android:layout_marginRight="15dp"
    android:textSize="18dp"
    android:layout_centerHorizontal="true">
</soup.neumorphism.NeumorphButton>
```

```
<androidx.swiperefreshlayout.widget.SwipeRefreshLayout
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:id="@+id/pullToRefresh"
    android:layout_below="@id/admin_logs"
    android:layout_marginTop="10dp">
```

```
<androidx.recyclerview.widget.RecyclerView
    android:id="@+id/recycler_view"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
```

```
        android:layout_marginTop="10dp"
        android:visibility="gone"/>
    </androidx.swiperefreshlayout.widget.SwipeRefreshLayout>
</RelativeLayout>
```

3.2.45 activity_confirm_booking.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout android:layout_height="match_parent"
    android:layout_width="match_parent"
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    android:background="@color/light_background">

    <soup.neumorphism.NeumorphFloatingActionButton
        style="@style/Widget.Neumorph.FloatingActionButton"
        android:id="@+id/backBtn"
        android:layout_width="80dp"
        android:layout_height="80dp"
        android:layout_marginLeft="10dp"
        android:scaleType="center"
        android:src="@drawable/ic_baseline_arrow_back_24" />

    <TextView
        android:id="@+id/tv1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Confirm\nBooking"
        android:textStyle="bold"
        android:textSize="40dp"
        android:layout_below="@id/backBtn"
        android:textColor="@color/textColor"
        android:layout_marginLeft="30dp" />

    <soup.neumorphism.NeumorphCardView
        android:id="@+id/ll1"
        android:layout_below="@id/tv1"
        style="@style/ShapeAppearance.Neumorph.CardView"
```

```
app:neumorph_shapeType="basin"
android:layout_width="match_parent"
android:layout_height="200dp"
android:layout_marginLeft="15dp"
android:layout_marginRight="15dp"
android:layout_marginTop="10dp">
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_below="@id/tv1"
    android:orientation="vertical"
    android:layout_gravity="center">
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Your Details"
        android:id="@+id/tv2"
        android:textSize="28sp"
        android:textStyle="bold"
        android:layout_marginLeft="20dp"
        android:textColor="@color/textColor"/>
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Name : "
        android:id="@+id/uName"
        android:layout_below="@id/tv2"
        android:layout_marginTop="10dp"
        android:layout_marginLeft="30dp"
        android:textColor="@color/textColor"
        android:textSize="20sp" />
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Phone : "
        android:id="@+id/uPhone"
        android:layout_below="@id/uName"
        android:layout_marginTop="10dp"
        android:layout_marginLeft="30dp"
        android:textColor="@color/textColor"
```

```
        android:textSize="20sp" />
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Location : "
        android:id="@+id/uLocation"
        android:layout_below="@id/uPhone"
        android:layout_marginTop="10dp"
        android:layout_marginLeft="30dp"
        android:textColor="@color/textColor"
        android:textSize="20sp" />
    </LinearLayout>
</soup.neumorphism.NeumorphCardView>

<soup.neumorphism.NeumorphCardView
    android:id="@+id/ll2"
    android:layout_below="@id/ll1"
    style="@style/ShapeAppearance.Neumorph.CardView"
    app:neumorph_shapeType="basin"
    android:layout_width="match_parent"
    android:layout_height="200dp"
    android:layout_marginLeft="15dp"
    android:layout_marginRight="15dp"
    android:layout_marginTop="5dp">
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_below="@id/tv1"
        android:orientation="vertical"
        android:layout_gravity="center">
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Ambulance Details"
        android:id="@+id/tv3"
        android:layout_below="@id/ll1"
        android:textSize="28sp"
        android:textStyle="bold"
        android:layout_marginLeft="20dp"
        android:textColor="@color/textColor" />
```

```
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Name : "
    android:id="@+id/aName"
    android:layout_below="@id/tv3"
    android:layout_marginTop="10dp"
    android:layout_marginLeft="30dp"
    android:textColor="@color/textColor"
    android:textSize="20sp" />
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Phone : "
    android:id="@+id/aPhone"
    android:layout_below="@id/aName"
    android:layout_marginTop="10dp"
    android:textColor="@color/textColor"
    android:layout_marginLeft="30dp"
    android:textSize="20sp" />
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Location : "
    android:id="@+id/aLocation"
    android:layout_below="@id/aPhone"
    android:layout_marginTop="10dp"
    android:textColor="@color/textColor"
    android:layout_marginLeft="30dp"
    android:textSize="20sp" />
</LinearLayout>
</soup.neumorphism.NeumorphCardView>

<soup.neumorphism.NeumorphButton
    style="@style/Widget.Neumorph.Button"
    android:layout_width="180dp"
    android:layout_height="wrap_content"
    android:text="Confirm"
    android:id="@+id/confirm"
    android:textSize="18sp"
```

```

        android:textColor="@color/textColor"
        android:layout_below="@id/ll2"
        android:layout_marginTop="10dp"
        android:layout_centerHorizontal="true"/>

```

```
</RelativeLayout>
```

3.2.46 activity_confirmed.xml

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout android:layout_height="match_parent"
    android:layout_width="match_parent"
    android:background="@color/light_background"
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto">

    <soup.neumorphism.NeumorphImageView
        style="@style/Widget.Neumorph.FloatingActionButton"
        android:id="@+id/check"
        app:neumorph_shapeType="pressed"
        android:layout_centerHorizontal="true"
        android:layout_marginTop="15dp"
        android:layout_width="150dp"
        android:layout_height="150dp"
        android:src="@drawable/ic_channel_foreground"/>

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:id="@+id/tv1"
        android:textStyle="bold"
        android:layout_below="@id/check"
        android:text="Ambulance is\non the way"
        android:layout_marginTop="10dp"
        android:layout_marginLeft="30dp"
        android:textSize="40dp"
        android:textColor="@color/textColor" />

    <TextView

```

```

        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:id="@+id/tv2"
        android:text="Make note of the details of ambulance"
        android:layout_below="@id/tv1"
        android:layout_marginTop="5dp"
        android:layout_marginLeft="30dp"
        android:textColor="@color/textHint"
        android:textSize="20sp"/>

```

```

<soup.neumorphism.NeumorphCardView
    android:id="@+id/ll1"
    android:layout_below="@id/tv2"
    style="@style/ShapeAppearance.Neumorph.CardView"
    app:neumorph_shapeType="basin"
    android:layout_width="match_parent"
    android:layout_height="180dp"
    android:layout_marginLeft="15dp"
    android:layout_marginRight="15dp"
    android:layout_marginTop="10dp">
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_below="@id/tv1"
        android:orientation="vertical"
        android:layout_gravity="center">
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Name : "
            android:id="@+id/tv3"
            android:layout_marginLeft="20dp"
            android:textColor="@color/textColor"
            android:textSize="25sp" />
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Phone : "
            android:id="@+id/tv4"
            android:layout_below="@id/tv3"

```



```
        android:layout_marginTop="10dp"
        android:layout_marginLeft="20dp"
        android:textColor="@color/textColor"
        android:textSize="25sp" />
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Location : "
        android:id="@+id/tv5"
        android:layout_below="@id/tv4"
        android:layout_marginTop="10dp"
        android:layout_marginLeft="20dp"
        android:textColor="@color/textColor"
        android:textSize="25sp" />
</LinearLayout>
</soup.neumorphism.NeumorphCardView>

<soup.neumorphism.NeumorphButton
    style="@style/Widget.Neumorph.Button"
    android:layout_width="190dp"
    android:layout_height="wrap_content"
    android:text="Call Driver"
    android:textSize="18dp"
    android:textColor="@color/textColor"
    android:id="@+id/call"
    android:layout_below="@id/ll1"
    android:layout_marginTop="10dp"
    android:layout_centerHorizontal="true"/>

<soup.neumorphism.NeumorphButton
    style="@style/Widget.Neumorph.Button"
    android:layout_width="140dp"
    android:layout_height="wrap_content"
    android:text="Close"
    android:textSize="18dp"
    android:textColor="@color/textColor"
    android:id="@+id/close"
    android:layout_below="@id/call"
    android:layout_centerHorizontal="true"/>
```

```
</RelativeLayout>
```

3.2.47 activity_main_select.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout android:layout_width="match_parent"
    android:layout_height="match_parent"
    xmlns:tools="http://schemas.android.com/tools"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    android:background="@color/light_background"
    xmlns:android="http://schemas.android.com/apk/res/android"
    tools:context=".MainSelect">

    <Button
        android:id="@+id/about"
        android:layout_width="40dp"
        android:layout_height="40dp"
        android:layout_alignParentEnd="true"
        android:layout_marginRight="15dp"
        android:background="@drawable/ic_icons8_info"/>

    <LinearLayout
        android:id="@+id/layout_top"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:orientation="vertical"
        android:gravity="center"
        android:layout_centerHorizontal="true"
        android:layout_marginTop="20dp">
        <soup.neumorphism.NeumorphFloatingActionButton
            app:neumorph_shapeType="basin"
            android:id="@+id/img_logo"
            style="@style/Widget.Neumorph.FloatingActionButton"
            android:layout_width="130dp"
            android:layout_height="130dp"
            android:src="@mipmap/ic_launcher_foreground"
            android:layout_centerInParent="true"
            android:transitionName="logo_icon"/>
```

```
<TextView
    android:id="@+id/tv_name"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Caring Nest"
    android:layout_centerHorizontal="true"
    android:layout_below="@id/img_logo"
    android:textSize="40sp"
    android:layout_marginTop="5dp"
    android:fontFamily="sans-serif-light"
    android:textColor="@color/textColor"
    android:transitionName="logo_text"/>
</LinearLayout>

<LinearLayout
    android:id="@+id/layout_main"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:orientation="vertical"
    android:layout_centerHorizontal="true"
    android:layout_below="@id/layout_top"
    android:layout_marginTop="15dp"
    android:visibility="gone">
    <LinearLayout
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:clickable="true"
        android:layout_centerHorizontal="true"
        android:gravity="center"
        android:padding="10dp">
        <soup.neumorphism.NeumorphCardView
            style="@style/Widget.Neumorph.Button"
            android:layout_width="180dp"
            android:layout_height="220dp"
            android:clickable="true"
            android:id="@+id/user_select">
            <ImageView
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:layout_gravity="center_horizontal"
```

```
        android:adjustViewBounds="true"
        android:scaleType="fitCenter"
        android:padding="0dp"
        android:src="@mipmap/ic_booking_foreground" />
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_gravity="center_horizontal"
        android:layout_marginTop="120dp"
        android:text="Book\nAmbulance"
        android:gravity="center"
        android:textColor="@color/textColor"
        android:textSize="22sp"
        android:textStyle="bold" />
    </soup.neumorphism.NeumorphCardView>
</LinearLayout>

<LinearLayout
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:clickable="true"
    android:layout_centerHorizontal="true"
    android:gravity="center"
    android:orientation="vertical"
    android:padding="10dp">
    <soup.neumorphism.NeumorphCardView
        style="@style/Widget.Neumorph.Button"
        android:layout_width="180dp"
        android:layout_height="190dp"
        android:clickable="true"
        android:id="@+id/admin_select">
        <ImageView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_gravity="center_horizontal"
            android:adjustViewBounds="true"
            android:maxHeight="150dp"
            android:maxWidth="150dp"
            android:scaleType="fitCenter"
            android:src="@mipmap/ic_admin_foreground" />
```

```

        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_gravity="center_horizontal"
            android:textSize="20sp"
            android:textStyle="bold"
            android:text="ADMIN"
            android:layout_marginTop="120dp"
            android:textColor="@color/textColor"/>
        </soup.neumorphism.NeumorphCardView>
    </LinearLayout>
</LinearLayout>
</RelativeLayout>

```

3.2.48 activity_user_add_details.xml

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout android:layout_height="match_parent"
    android:layout_width="match_parent"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    android:background="@color/light_background"
    xmlns:android="http://schemas.android.com/apk/res/android">

    <soup.neumorphism.NeumorphFloatingActionButton
        style="@style/Widget.Neumorph.FloatingActionButton"
        android:id="@+id/cancelBtn"
        android:layout_width="80dp"
        android:layout_height="80dp"
        android:scaleType="center"
        android:src="@drawable/ic_baseline_clear_24"
        android:layout_alignParentEnd="true"
        android:layout_marginRight="10dp">
    </soup.neumorphism.NeumorphFloatingActionButton>

    <TextView
        android:id="@+id/tv"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Welcome"

```

```
        android:textColor="@color/textColor"
        android:textStyle="bold"
        android:layout_marginTop="150dp"
        android:layout_marginLeft="30dp"
        android:textSize="45sp"> </TextView>
<TextView
    android:id="@+id/tv2"
    android:layout_below="@id/tv"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Enter your details"
    android:textColor="@color/textColor"
    android:layout_marginLeft="30dp"
    android:layout_marginTop="5dp"
    android:textSize="25sp"> </TextView>

<LinearLayout
    android:id="@+id/layout_main"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_below="@id/tv2"
    android:orientation="vertical"
    android:visibility="gone">
    <soup.neumorphism.NeumorphCardView
        android:id="@+id/n1"
        android:layout_width="match_parent"
        android:layout_height="80dp"
        android:layout_marginLeft="15dp"
        android:layout_marginRight="15dp"
        app:neumorph_shapeType="pressed"
        android:layout_marginTop="25dp">
        <EditText
            android:id="@+id/u_name"
            android:layout_width="match_parent"
            android:layout_height="match_parent"
            android:inputType="text"
            android:hint="Name"
            android:textColor="@color/textColor"
            android:textColorHint="@color/textHint"
            android:paddingStart="15dp"
```

```
        android:paddingEnd="15dp"
        android:textSize="20dp"
        android:textCursorDrawable="@drawable/cursor"
        android:background="@drawable/no_background"/>
</soup.neumorphism.NeumorphCardView>
```

```
<soup.neumorphism.NeumorphCardView
    android:id="@+id/n2"
    android:layout_width="match_parent"
    android:layout_height="80dp"
    android:layout_marginLeft="15dp"
    android:layout_marginRight="15dp"
    app:neumorph_shapeType="pressed"
    android:layout_below="@id/n1">
    <EditText
        android:id="@+id/u_phone"
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:inputType="phone"
        android:hint="Phone Number"
        android:textColorHint="@color/textHint"
        android:textColor="@color/textColor"
        android:paddingStart="15dp"
        android:paddingEnd="15dp"
        android:textSize="20dp"
        android:textCursorDrawable="@drawable/cursor"
        android:background="@drawable/no_background"/>
</soup.neumorphism.NeumorphCardView>
```

```
<soup.neumorphism.NeumorphCardView
    android:id="@+id/n3"
    android:layout_width="match_parent"
    android:layout_height="80dp"
    android:layout_marginLeft="15dp"
    android:layout_marginRight="15dp"
    app:neumorph_shapeType="pressed"
    android:layout_below="@id/n2">
    <EditText
        android:id="@+id/u_location"
        android:layout_width="match_parent"
```

```

        android:layout_height="match_parent"
        android:inputType="text"
        android:hint="Location"
        android:textColorHint="@color/textHint"
        android:textColor="@color/textColor"
        android:paddingStart="15dp"
        android:paddingEnd="15dp"
        android:textSize="20dp"
        android:textCursorDrawable="@drawable/cursor"
        android:background="@drawable/no_background"/>
</soup.neumorphism.NeumorphCardView>

<soup.neumorphism.NeumorphButton
    style="@style/Widget.Neumorph.Button"
    android:layout_width="150dp"
    android:layout_height="wrap_content"
    android:id="@+id/ubtn_submit"
    android:text="Submit"
    android:textSize="18dp"
    android:textColor="@color/textColor"
    android:layout_below="@id/n3"
    android:layout_gravity="center"
    android:layout_marginTop="20dp">
</soup.neumorphism.NeumorphButton>

</LinearLayout>
</RelativeLayout>

```

3.2.49 activity_user_main.xml

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="@color/light_background"
    xmlns:android="http://schemas.android.com/apk/res/android">

    <soup.neumorphism.NeumorphFloatingActionButton
        style="@style/Widget.Neumorph.FloatingActionButton"
        android:layout_width="80dp"

```



```
        android:layout_height="80dp"
        android:id="@+id/back_user"
        android:scaleType="center"
        android:src="@drawable/ic_baseline_clear_24"
        android:layout_alignParentEnd="true"
        android:layout_marginRight="10dp">
</soup.neumorphism.NeumorphFloatingActionButton>

<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Select one"
    android:textStyle="bold"
    android:id="@+id/tv"
    android:layout_below="@id/back_user"
    android:textSize="40dp"
    android:textColor="@color/textColor"
    android:layout_marginLeft="30dp"/>

<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Choose according to your nearest location"
    android:id="@+id/tv2"
    android:layout_below="@id/tv"
    android:textSize="20dp"
    android:textColor="@color/textHint"
    android:layout_marginLeft="30dp"/>

<androidx.swiperefreshlayout.widget.SwipeRefreshLayout
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:id="@+id/pullToRefresh"
    android:layout_marginTop="20dp"
    android:layout_below="@id/tv2">

    <androidx.recyclerview.widget.RecyclerView
        android:id="@+id/u_recycler_view"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
```

```
        android:visibility="gone" />

</androidx.swiperefreshlayout.widget.SwipeRefreshLayout>

</RelativeLayout>
```

3.2.50 model_admin.xml

```
<?xml version="1.0" encoding="utf-8"?>
<soup.neumorphism.NeumorphCardView
    style="@style/ShapeAppearance.Neumorph.CardView"
    xmlns:android="http://schemas.android.com/apk/res/android"
    app:neumorph_shapeType="basin"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    android:paddingStart="25dp"
    android:paddingEnd="25dp"
    android:layout_marginLeft="15dp"
    android:layout_marginRight="15dp">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="vertical"
        android:layout_gravity="center"
        android:layout_marginTop="15dp"
        android:layout_marginBottom="15dp">

        <TextView
            android:id="@+id/rName"
            android:text="Name : "
            android:textSize="22sp"
            android:textColor="@color/textColor"
            android:layout_width="match_parent"
            android:layout_height="wrap_content" />

        <TextView
            android:id="@+id/rLocation"
            android:text="Location : "
            android:textSize="20sp"
```

```

        android:textColor="@color/textColor"
        android:layout_width="match_parent"
        android:layout_height="wrap_content" />
    <TextView
        android:id="@+id/rPhone"
        android:text="Phone : "
        android:textSize="20sp"
        android:textColor="@color/textColor"
        android:layout_width="match_parent"
        android:layout_height="wrap_content" />
    <TextView
        android:id="@+id/rEmail"
        android:text="Email : "
        android:textSize="20sp"
        android:textColor="@color/textColor"
        android:layout_width="match_parent"
        android:layout_height="wrap_content" />
</LinearLayout>
</soup.neumorphism.NeumorphCardView>

```

This is used to style the admin logo.

3.2.51 model_logs.xml

```

<?xml version="1.0" encoding="utf-8"?>
<soup.neumorphism.NeumorphCardView
    style="@style/ShapeAppearance.Neumorph.CardView"
    app:neumorph_shapeType="basin"
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    android:paddingStart="25dp"
    android:paddingEnd="25dp"
    android:layout_marginLeft="10dp"
    android:layout_marginRight="10dp">

    <LinearLayout
        android:layout_width="match_parent"

```

```
android:layout_height="wrap_content"
android:orientation="vertical"
android:layout_marginTop="15dp"
android:layout_marginBottom="15dp">

<LinearLayout
    android:id="@+id/ll1"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="horizontal">
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Date Time : "
        android:textColor="@color/textColor"
        android:id="@+id/v1"
        android:textSize="20sp"/>
    <TextView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text=""
        android:textColor="@color/textColor"
        android:id="@+id/dt"
        android:textSize="20sp"/>
</LinearLayout>

<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Patient Details "
    android:textColor="@color/textColor"
    android:textStyle="bold"
    android:layout_marginTop="10dp"
    android:textSize="22sp"/>
<LinearLayout
    android:id="@+id/ll2"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="horizontal"
    android:layout_marginTop="5dp">
```

```
<TextView
    android:id="@+id/v2"
    android:text="Name : "
    android:textSize="18sp"
    android:textColor="@color/textColor"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginLeft="5dp"/>
<TextView
    android:id="@+id/pName"
    android:text=""
    android:textSize="18sp"
    android:textColor="@color/textColor"
    android:layout_width="match_parent"
    android:layout_height="wrap_content" />
</LinearLayout>

<LinearLayout
    android:id="@+id/ll3"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="5dp"
    android:orientation="horizontal">
    <TextView
        android:id="@+id/v3"
        android:text="Location : "
        android:textSize="18sp"
        android:textColor="@color/textColor"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginLeft="5dp"/>
    <TextView
        android:id="@+id/pLocation"
        android:text=""
        android:textSize="18sp"
        android:textColor="@color/textColor"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        />
```

```
</LinearLayout>

<LinearLayout
    android:id="@+id/ll4"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="5dp"
    android:orientation="horizontal">
    <TextView
        android:id="@+id/v4"
        android:text="Phone : "
        android:textSize="18sp"
        android:textColor="@color/textColor"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginLeft="5dp"/>
    <TextView
        android:id="@+id/pPhone"
        android:text=""
        android:textSize="18sp"
        android:textColor="@color/textColor"
        android:layout_width="match_parent"
        android:layout_height="wrap_content" />
</LinearLayout>

<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Ambulance Details "
    android:textStyle="bold"
    android:textColor="@color/textColor"
    android:layout_marginTop="10dp"
    android:textSize="22sp"/>

<LinearLayout
    android:id="@+id/ll5"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="5dp"
    android:orientation="horizontal">
```

```
<TextView
    android:id="@+id/v5"
    android:text="Name : "
    android:textSize="18sp"
    android:textColor="@color/textColor"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginLeft="5dp"/>
<TextView
    android:id="@+id/aName"
    android:text=""
    android:textSize="18sp"
    android:textColor="@color/textColor"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
/>
</LinearLayout>

<LinearLayout
    android:id="@+id/ll6"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="5dp"
    android:orientation="horizontal">
    <TextView
        android:id="@+id/v6"
        android:text="Location : "
        android:textSize="18sp"
        android:textColor="@color/textColor"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginLeft="5dp"/>
    <TextView
        android:id="@+id/aLocation"
        android:text=""
        android:textSize="18sp"
        android:textColor="@color/textColor"
        android:layout_width="match_parent"
        android:layout_height="wrap_content" />
```

```
</LinearLayout>
```

```
<LinearLayout
```

```
    android:id="@+id/ll7"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="5dp"
    android:orientation="horizontal">
```

```
<TextView
```

```
    android:id="@+id/v7"
    android:text="Phone : "
    android:textSize="18sp"
    android:textColor="@color/textColor"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginLeft="5dp"/>
```

```
<TextView
```

```
    android:id="@+id/aPhone"
    android:text=""
    android:textSize="18sp"
    android:textColor="@color/textColor"
    android:layout_width="match_parent"
    android:layout_height="wrap_content" />
```

```
</LinearLayout>
```

```
<LinearLayout
```

```
    android:id="@+id/ll8"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="5dp"
    android:orientation="horizontal">
```

```
<TextView
```

```
    android:id="@+id/v8"
    android:text="Email : "
    android:textSize="18sp"
    android:textColor="@color/textColor"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
```



```

        android:layout_marginLeft="5dp"/>
    <TextView
        android:id="@+id/aEmail"
        android:text=""
        android:textSize="18sp"
        android:textColor="@color/textColor"
        android:layout_width="match_parent"
        android:layout_height="wrap_content" />
    </LinearLayout>
</LinearLayout>

</soup.neumorphism.NeumorphCardView>

```

3.2.52 model_user.xml

```

<?xml version="1.0" encoding="utf-8"?>
<soup.neumorphism.NeumorphCardView
    style="@style/ShapeAppearance.Neumorph.CardView"
    app:neumorph_shapeType="flat"
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="150dp"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    android:paddingStart="25dp"
    android:paddingEnd="25dp"
    android:layout_marginLeft="15dp"
    android:layout_marginRight="15dp">

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

        <LinearLayout
            android:id="@+id/ll1"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:orientation="horizontal">

```

```
<TextView
    android:id="@+id/v1"
    android:text="Location : "
    android:textSize="25sp"
    android:textColor="@color/textColor"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginLeft="5dp"/>
<TextView
    android:id="@+id/rLocation"
    android:text=""
    android:textSize="25sp"
    android:textColor="@color/textColor"
    android:layout_width="match_parent"
    android:layout_height="wrap_content" />
</LinearLayout>

<LinearLayout
    android:id="@+id/ll2"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="horizontal"
    android:layout_marginTop="5dp">
    <TextView
        android:id="@+id/v2"
        android:text="Name : "
        android:textSize="20sp"
        android:textColor="@color/textColor"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginLeft="5dp"/>
    <TextView
        android:id="@+id/rName"
        android:text=""
        android:textSize="20sp"
        android:textColor="@color/textColor"
        android:layout_width="match_parent"
        android:layout_height="wrap_content" />
</LinearLayout>
```

```
<LinearLayout
    android:id="@+id/ll3"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="horizontal"
    android:layout_marginTop="5dp">
    <TextView
        android:id="@+id/v3"
        android:text="Phone : "
        android:textSize="20sp"
        android:textColor="@color/textColor"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginLeft="5dp"/>
    <TextView
        android:id="@+id/rPhone"
        android:text=""
        android:textSize="20sp"
        android:textColor="@color/textColor"
        android:layout_width="match_parent"
        android:layout_height="wrap_content" />
</LinearLayout>
</LinearLayout>
</soup.neumorphism.NeumorphCardView>
```

This is used to design the recycler view of the landing page.

Chapter 4

Screen Shots

The screen shots in this chapter depict the working of the application.

4.1 Running Application

The application to be tested is executed as shown in Figure 4.1.1. The emulator starts and the application is installed in it. The main activity is brought to the forefront. The user can then start the activity on which the experiments are carried out.

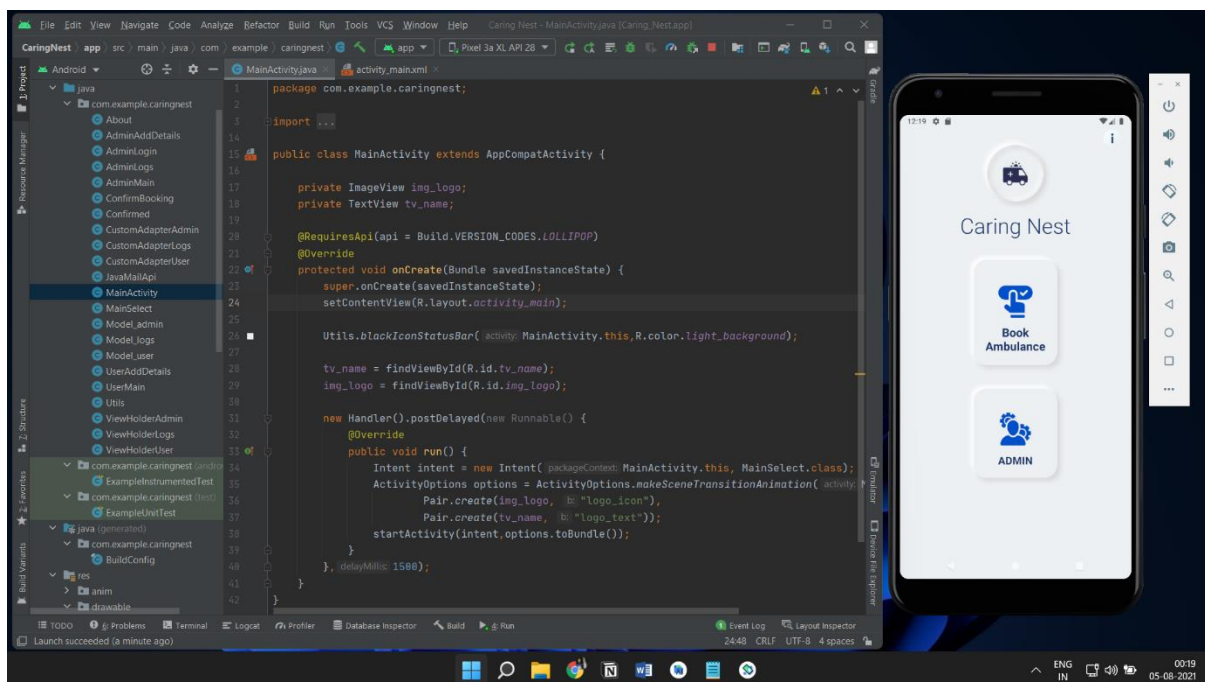


Figure 4.1.1: Running application code

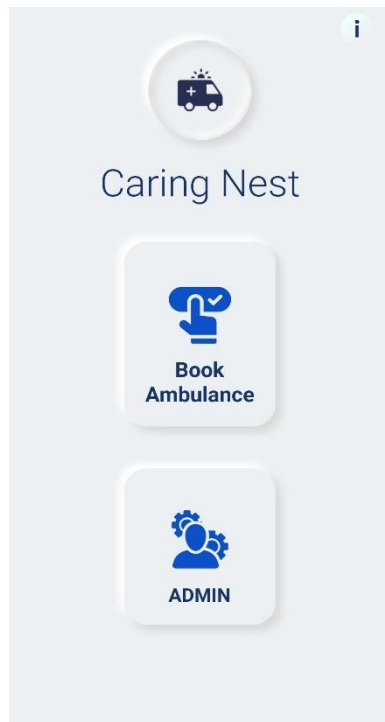


Fig 4.1.2 Landing Page

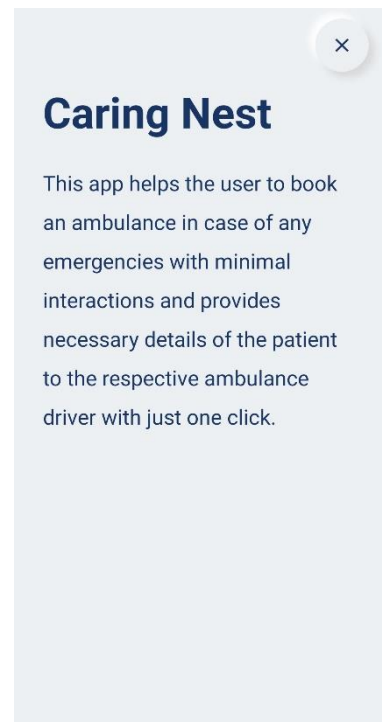


Fig 4.1.3 Info Page

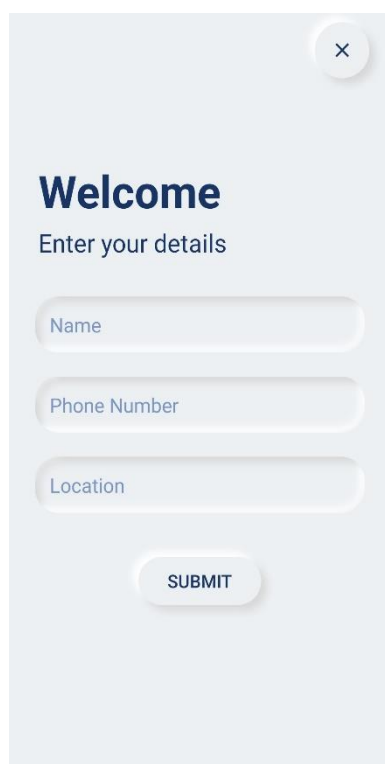


Fig 4.1.4 User Login Page

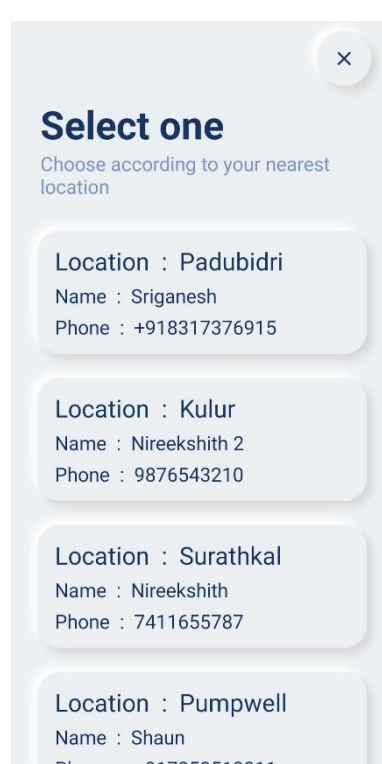



Fig 4.1.5 Ambulances List



A mobile app screen titled "Confirm Booking" with a back arrow in the top left. It contains two sections: "Your Details" and "Ambulance Details".

Confirm Booking

Your Details

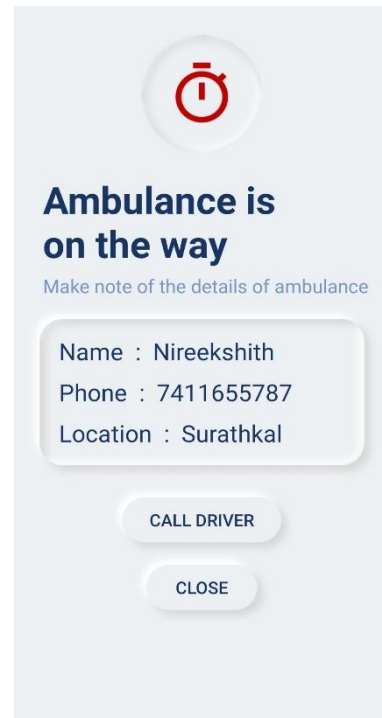
Name : Pranith
Phone : 1235869400
Location : Mangalore

Ambulance Details

Name : Nireekshith
Phone : 7411655787
Location : Surathkal

CONFIRM

Fig 4.1.6 Confirm Booking



A mobile app screen titled "Ambulance is on the way" with a red ambulance icon in a circle at the top. It includes a note to make note of details and a box with ambulance information.

Ambulance is on the way

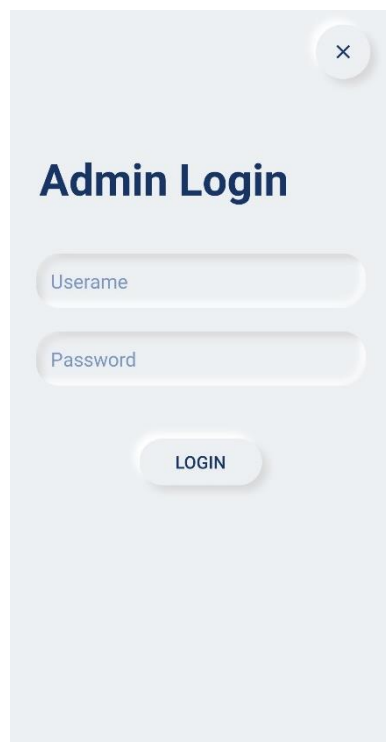
Make note of the details of ambulance

Name : Nireekshith
Phone : 7411655787
Location : Surathkal

CALL DRIVER

CLOSE

Fig 4.1.7 Ambulance Booked



A mobile app screen titled "Admin Login" with a close button in the top right. It features input fields for "Username" and "Password", and a "LOGIN" button.

Admin Login

Username

Password

LOGIN

Fig 4.1.8 Admin Login Page



A mobile app screen titled "List of ambulances Added" with a back arrow in the top left. It has two buttons: "ADD DETAILS" and "BOOKING HISTORY". Below are three cards showing ambulance details.

ADD DETAILS

BOOKING HISTORY

Sriganesh
Padubidri
+918317376915
dangersg111@gmail.com

Nireekshith 2
Kulur
9876543210
nireekshithrkottary18@gmail.com

Shaun
Pumpwell
+917353513311
shaun.dsouza77@gmail.com

Fig 4.1.9 List of ambulances
Added



History

Date Time : 17:01 02-08-2021

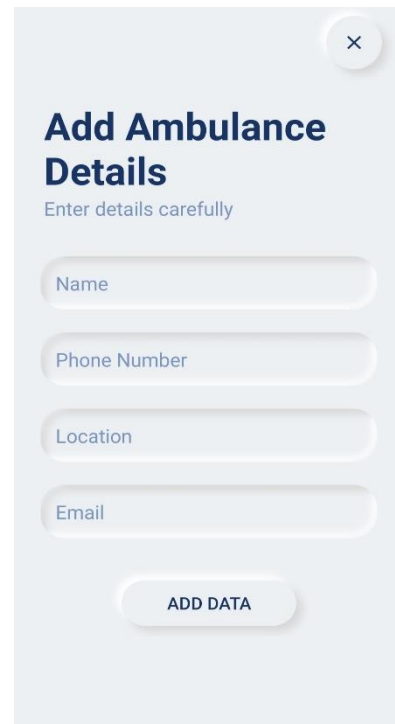
Patient Details
 Name : abcdef
 Location : Nanthoor
 Phone : 7986451872

Ambulance Details
 Name : Nireekshith
 Location : Nanthoor
 Phone : 9876543210
 Email : 18cs081.nireekshith@sjec.ac.in

Date Time : 22:05 02-08-2021

Patient Details
 Name : Ramesh
 Location : Surathkal
 Phone : 9846758264

Fig 4.1.10 Booking History



Add Ambulance Details

Enter details carefully

Name

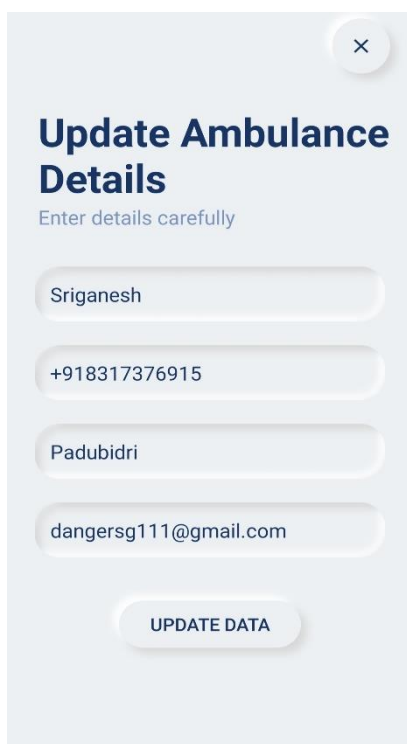
Phone Number

Location

Email

ADD DATA

Fig 4.1.11 Add an ambulance



Update Ambulance Details

Enter details carefully

Sriganesh

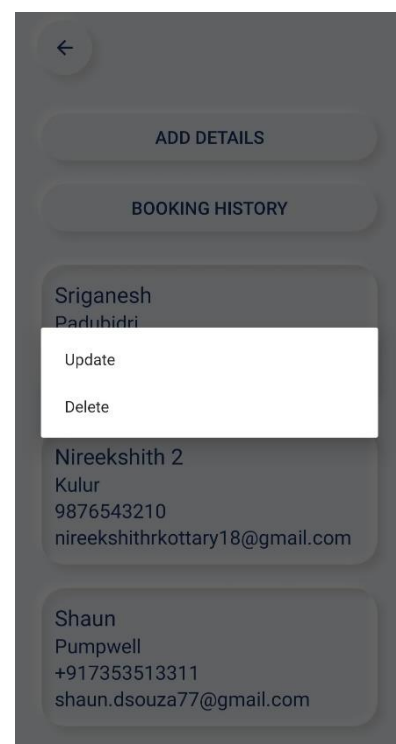
+918317376915

Padubidri

dangersg111@gmail.com

UPDATE DATA

Fig 4.1.12 Update an ambulance



←

ADD DETAILS

BOOKING HISTORY

Sriganesh
Padubidri

Update

Delete

Nireekshith 2
Kulur
9876543210
nireekshithrkottary18@gmail.com

Shaun
Pumpwell
+917353513311
shaun.dsouza77@gmail.com

Fig 4.1.13 Delete an ambulance

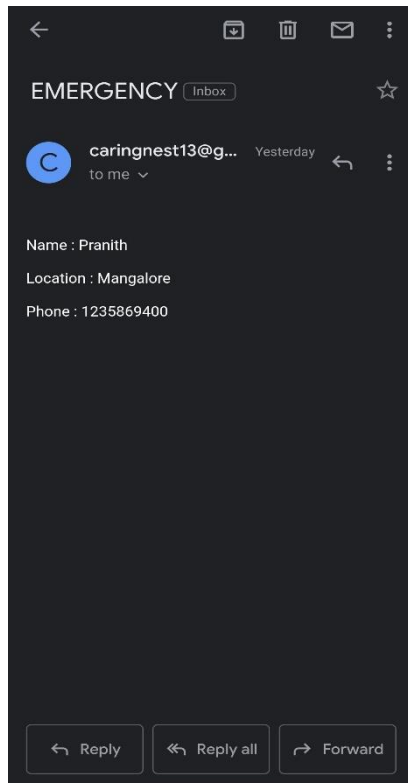


Fig 4.1.14 Mail received by the ambulance driver on booking confirmation

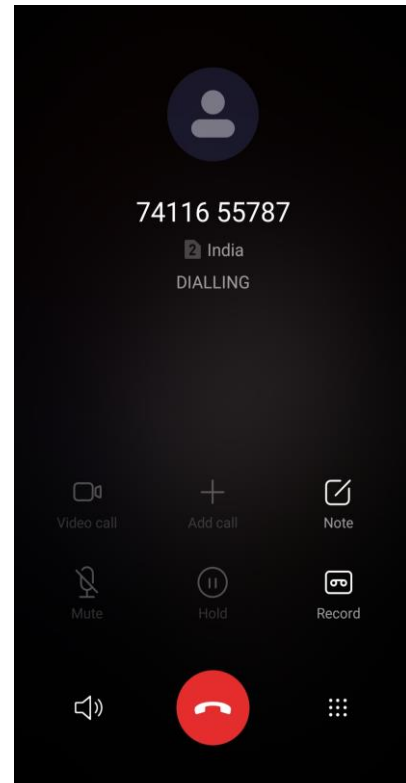


Fig 4.1.15 Calling option for the user to contact the ambulance driver after booking.

4.2 Method Profiling

The DDMS perspective is opened for method profiling. The application to be traced is selected and profiling tab is clicked to start method tracing as shown in Figure 4.2. The test activity is then executed with the method tracing occurring in the background.

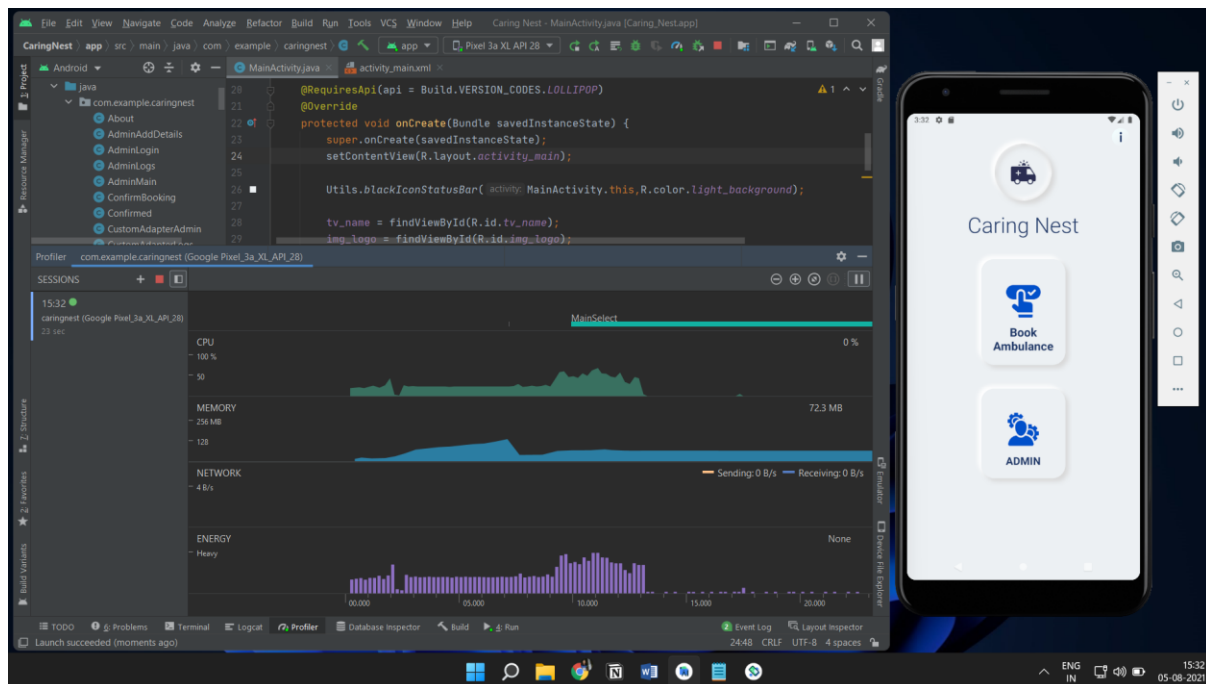


Fig 4.2 Start test activity

References

1. Javamail : <https://www.oracle.com/java/technologies/javamail.html>
2. Neumorphism : <https://github.com/fornewid/neumorphism>
3. Cloud : <https://firebase.google.com>
4. <https://stackoverflow.com/>