

activity_welcome.xml

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    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/splash_bg"
    tools:context=".WelcomeActivity">

    <ImageView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        android:src="@mipmap/ic_launcher"/>

</androidx.constraintlayout.widget.ConstraintLayout>
```

WelcomeActivity.java

```
package com.gift.house;

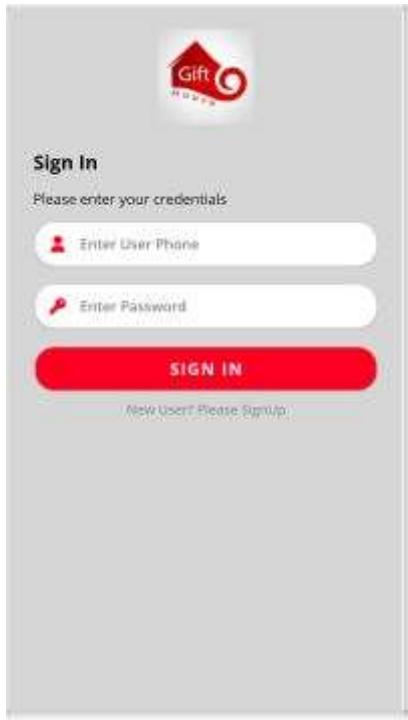
import android.app.Activity;
import android.content.Intent;
import android.content.SharedPreferences;
import android.os.Bundle;
import android.os.Handler;
import android.view.WindowManager;

public class WelcomeActivity extends Activity {
    public final int SPLASH_TIME = 2000;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_welcome);
        getWindow().clearFlags(WindowManager.LayoutParams.FLAG_FORCE_NOT_FULLSCREEN);
        getWindow().addFlags(WindowManager.LayoutParams.FLAG_FULLSCREEN);
        SharedPreferences sharedpreferences =
getSharedPreferences("GiftHouse", MODE_PRIVATE);
        new Handler().postDelayed(new Runnable() {
            @Override
            public void run() {
                if (!sharedpreferences.getString("user_phone","", "").isEmpty()) {
                    startActivity(new Intent(WelcomeActivity.this,
MainActivity.class));
                } else if (!sharedpreferences.getString("admin","", "").isEmpty()) {
                    startActivity(new Intent(WelcomeActivity.this,
AdminActivity.class));
                } else {
                    startActivity(new Intent(WelcomeActivity.this,
LoginActivity.class));
                }
            }
        }, SPLASH_TIME);
    }
}
```

```

        }
        finish();
    }
}, SPLASH_TIME);
}
}

```



activity_login.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:layout_weight="3"
    android:background="@color/bgColor"
    android:gravity="center"
    android:orientation="vertical"
    tools:context=".LoginActivity">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_gravity="center"
        android:layout_margin="10dp"
        android:gravity="center"
        android:orientation="vertical">

        <ImageView
            android:layout_width="100dp"
            android:layout_height="100dp"
            android:layout_margin="10dp"

```

```
    android:background="@mipmap/ic_launcher" />

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_margin="10dp"
    android:orientation="vertical"
    android:padding="5dp">

    <TextView
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:layout_gravity="center"
        android:fontFamily="@font/opensans_bold"
        android:gravity="center|left"
        android:text="Sign In"
        android:textColor="@color/black"
        android:textSize="20sp" />

    <TextView
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:layout_gravity="center"
        android:layout_marginTop="15dp"
        android:fontFamily="@font/opensans_regular"
        android:gravity="center|left"
        android:text="Please enter your credentials"
        android:textColor="@color/black"
        android:textSize="15sp" />

    <androidx.cardview.widget.CardView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginLeft="2dp"
        android:layout_marginTop="15dp"
        android:layout_marginRight="2dp"
        android:background="@color/white"
        app:cardBackgroundColor="@color/white"
        app:cardCornerRadius="20dp">

        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="45dp"
            android:orientation="horizontal">

            <View
                android:layout_width="2dp"
                android:layout_height="match_parent"
                android:layout_marginStart="10dp"
                android:layout_marginTop="10dp"
                android:layout_marginBottom="10dp"
                android:alpha="0.4"
                android:background="@color/black"
                android:visibility="gone" />

```

```
<ImageView
    android:layout_width="17dp"
    android:layout_height="17dp"
    android:layout_gravity="center"
    android:layout_marginLeft="15dp"
    android:background="@drawable/ic_user"
    android:backgroundTint="@color/orange" />

<EditText
    android:id="@+id/etMob"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:layout_gravity="center"
    android:layout_marginLeft="10dp"
    android:layout_marginRight="10dp"
    android:background="@android:color/transparent"
    android:digits="1234567890"
    android:fontFamily="@font/opensans_semiBold"
    android:gravity="center|left"
    android:hint="Enter User Phone"
    android:inputType="phone"
    android:maxLength="10"
    android:maxLines="1"
    android:paddingLeft="5dp"
    android:textColor="@color/black"
    android:textColorHint="@color/hintColor"
    android:textSize="15sp" />
</LinearLayout>
</androidx.cardview.widget.CardView>

<androidx.cardview.widget.CardView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginLeft="2dp"
    android:layout_marginTop="20dp"
    android:layout_marginRight="2dp"
    android:background="@color/white"
    app:cardBackgroundColor="@color/white"
    app:cardCornerRadius="20dp">

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="45dp"
    android:orientation="horizontal">

<ImageView
    android:layout_width="17dp"
    android:layout_height="17dp"
    android:layout_gravity="center"
    android:layout_marginLeft="15dp"
    android:background="@drawable/ic_key"
    android:backgroundTint="@color/orange" />
```

```
<EditText
    android:id="@+id/etPass"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:layout_gravity="center"
    android:layout_marginLeft="10dp"
    android:layout_marginRight="10dp"
    android:background="@android:color/transparent"
    android:fontFamily="@font/opensans_semiBold"
    android:gravity="center|left"
    android:hint="Enter Password"
    android:maxLines="1"
    android:paddingLeft="5dp"
    android:password="true"
    android:textColor="@color/black"
    android:textColorHint="@color/hintColor"
    android:textSize="15sp" />

</LinearLayout>

</androidx.cardview.widget.CardView>

<androidx.cardview.widget.CardView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginLeft="2dp"
    android:layout_marginTop="20dp"
    android:layout_marginRight="2dp"
    android:background="@color/white"
    android:backgroundTint="@color/orange"
    app:cardBackgroundColor="@color/white"
    app:cardCornerRadius="20dp">

    <Button
        android:id="@+id/btn_Login"
        android:layout_width="match_parent"
        android:layout_height="45dp"
        android:layout_gravity="center"
        android:backgroundTint="@color/orange"
        android:fontFamily="@font/opensans_bold"
        android:gravity="center"
        android:text="Sign In"
        android:textAllCaps="true"
        android:textColor="@color/white"
        android:textSize="17sp" />
</androidx.cardview.widget.CardView>

<TextView
    android:id="@+id/btn_ForgotPass"
    android:layout_width="match_parent"
    android:layout_height="30dp"
    android:layout_gravity="center"
    android:layout_marginLeft="10dp"
    android:layout_marginTop="10dp"
```

```
        android:layout_marginRight="10dp"
        android:fontFamily="@font/opensans_regular"
        android:gravity="center"
        android:text="Forgot Password?"
        android:textColor="@color/hintColor"
        android:textSize="14sp"
        android:visibility="gone" />

<TextView
    android:id="@+id/txt_Signup"
    android:layout_width="match_parent"
    android:layout_height="30dp"
    android:layout_gravity="center"
    android:layout_marginLeft="10dp"
    android:layout_marginTop="5dp"
    android:layout_marginRight="10dp"
    android:fontFamily="@font/opensans_regular"
    android:gravity="center"
    android:text="New User? Please SignUp"
    android:textColor="@color/hintColor"
    android:textSize="14sp" />

<TextView
    android:layout_width="match_parent"
    android:layout_height="30dp"
    android:layout_gravity="center"
    android:layout_marginLeft="10dp"
    android:layout_marginTop="10dp"
    android:layout_marginRight="10dp"
    android:fontFamily="@font/opensans_semiBold"
    android:gravity="center|left"
    android:paddingLeft="5dp"
    android:text="OR LOGIN WITH"
    android:textColor="@color/black"
    android:textSize="14sp"
    android:visibility="gone" />

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="45dp"
    android:layout_gravity="center"
    android:layout_marginLeft="15dp"
    android:layout_marginTop="15dp"
    android:layout_marginRight="15dp"
    android:gravity="center"
    android:orientation="horizontal"
    android:visibility="gone"
    android:weightSum="2">

<androidx.cardview.widget.CardView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginRight="8dp"
    android:background="@color/white"
```

```

        app:cardBackgroundColor="@color/white"
        app:cardCornerRadius="20dp">

    </androidx.cardview.widget.CardView>

    <androidx.cardview.widget.CardView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginLeft="8dp"
        android:background="@color/white"
        app:cardBackgroundColor="@color/white"
        app:cardCornerRadius="20dp">

    </androidx.cardview.widget.CardView>

</LinearLayout>

</LinearLayout>
</LinearLayout>

<LinearLayout
    android:id="@+id/skip"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentEnd="true"
    android:layout_alignParentBottom="true"
    android:layout_marginEnd="30dp"
    android:layout_marginBottom="30dp"
    android:gravity="center_vertical"
    android:orientation="horizontal"
    android:padding="10dp">

    </LinearLayout>
</RelativeLayout>
```

LoginActivity.java

```

package com.gift.house;

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

import androidx.appcompat.app.AppCompatActivity;

public class LoginActivity extends AppCompatActivity implements View.OnClickListener
{

    public static final String ADMIN_PHONE = "1111111111";
```

```

public static final String ADMIN_PASSWORD = "admin";

private EditText username;
private EditText password;
private Button signIn;
private TextView signUp;
private DBHelper database;

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

    database = new DBHelper(this);
    username = findViewById(R.id.etMob);
    password = findViewById(R.id.etPass);
    signIn = findViewById(R.id.btn_Login);
    signUp = findViewById(R.id.txt_Signup);

    signIn.setOnClickListener(this);
    signUp.setOnClickListener(this);
}

@Override
public void onClick(View v) {
    switch (v.getId()) {
        case R.id.btn_Login:
            userLogin();
            break;
        case R.id.txt_Signup:
            startActivity(new Intent(this, RegisterActivity.class));
            break;
    }
}

private void userLogin() {
    String user = username.getText().toString().trim();
    String pass = password.getText().toString().trim();

    if (!valid(user, pass)) return;

    if (user.equals(ADMIN_PHONE) && pass.equals(ADMIN_PASSWORD)) {
        SharedPreferences sharedpreferences = getSharedPreferences("GiftHouse",
MODE_PRIVATE);
        SharedPreferences.Editor editor = sharedpreferences.edit();
        editor.putString("admin", "admin");
        editor.apply();
        startActivity(new Intent(this, AdminActivity.class));
        finish();
    } else {
        if (database.userLogin(user, pass)) {

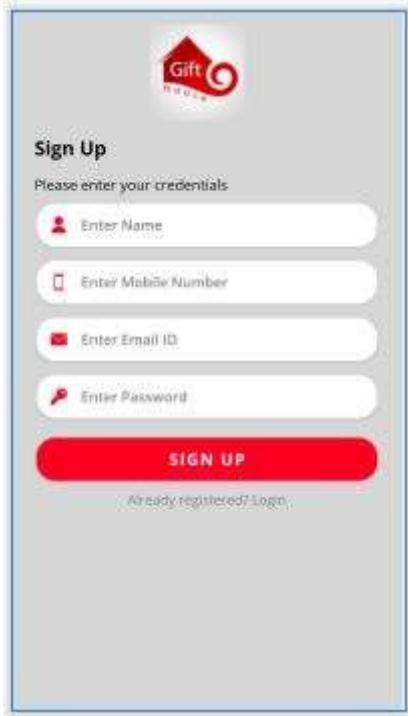
```

```
        SharedPreferences sharedPreferences =
getSharedPreferences("GiftHouse", MODE_PRIVATE);
        SharedPreferences.Editor editor = sharedPreferences.edit();
        try {
            editor.putString("user_name", database.getUser(user).getName());
        } catch (Exception e) {
            editor.putString("user_name", user);
        }
        editor.putString("user_phone", user);
        editor.apply();
        startActivity(new Intent(this, MainActivity.class));
        finish();
    } else {
        Toast.makeText(this, "Incorrect Username or Password",
Toast.LENGTH_LONG).show();
    }
}

private boolean valid(String user, String pass) {

    if (user.isEmpty()) {
        Toast.makeText(this, "Enter valid username", Toast.LENGTH_LONG).show();
        username.setError("Enter valid Username");
        return false;
    }
    if (pass.isEmpty()) {
        Toast.makeText(this, "Enter valid Password", Toast.LENGTH_LONG).show();
        password.setError("Enter valid Password");
        return false;
    }
    return true;
}
}
```

activity_register.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/bgColor"
    tools:context=".RegisterActivity">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_margin="10dp"
        android:gravity="center"
        android:orientation="vertical">

        <ImageView
            android:id="@+id/profile_image"
            android:layout_width="100dp"
            android:layout_height="100dp"
            android:layout_marginTop="5dp"
            android:layout_marginRight="10dp"
            android:src="@mipmap/ic_launcher" />

        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_margin="10dp"
            android:orientation="vertical"
            android:padding="5dp">
```

```
<TextView
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:layout_gravity="center"
    android:fontFamily="@font/opensans_bold"
    android:gravity="center|left"
    android:text="Sign Up"
    android:textColor="@color/black"
    android:textSize="20sp" />

<TextView
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:layout_gravity="center"
    android:layout_marginTop="15dp"
    android:fontFamily="@font/opensans_regular"
    android:gravity="center|left"
    android:text="Please enter your credentials"
    android:textColor="@color/black"
    android:textSize="15sp" />

<androidx.cardview.widget.CardView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginLeft="2dp"
    android:layout_marginTop="10dp"
    android:layout_marginRight="2dp"
    android:background="@color/white"
    app:cardBackgroundColor="@color/white"
    app:cardCornerRadius="20dp">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="45dp"
        android:orientation="horizontal">

        <ImageView
            android:layout_width="17dp"
            android:layout_height="17dp"
            android:layout_gravity="center"
            android:layout_marginLeft="15dp"
            android:background="@drawable/ic_user"
            android:backgroundTint="@color/orange" />

        <EditText
            android:id="@+id/etName"
            android:layout_width="match_parent"
            android:layout_height="match_parent"
            android:layout_gravity="center"
            android:layout_marginLeft="10dp"
            android:layout_marginRight="10dp"
            android:background="@android:color/transparent"
            android:fontFamily="@font/opensans_semiBold"
            android:gravity="center|left"
```

```
        android:hint="Enter Name"
        android:maxLines="1"
        android:paddingLeft="5dp"
        android:singleLine="true"
        android:textColor="@color/black"
        android:textColorHint="@color/hintColor"
        android:textSize="15sp" />

    </LinearLayout>
</androidx.cardview.widget.CardView>

<androidx.cardview.widget.CardView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginLeft="2dp"
    android:layout_marginTop="15dp"
    android:layout_marginRight="2dp"
    android:background="@color/white"
    app:cardBackgroundColor="@color/white"
    app:cardCornerRadius="20dp">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="45dp"
        android:orientation="horizontal">

        <ImageView
            android:layout_width="17dp"
            android:layout_height="17dp"
            android:layout_gravity="center"
            android:layout_marginLeft="15dp"
            android:background="@drawable/ic_smartphone"
            android:backgroundTint="@color/orange" />

        <View
            android:layout_width="2dp"
            android:layout_height="match_parent"
            android:layout_marginStart="10dp"
            android:layout_marginTop="10dp"
            android:layout_marginBottom="10dp"
            android:alpha="0.4"
            android:background="@color/black"
            android:visibility="gone" />

        <EditText
            android:id="@+id/etPhone"
            android:layout_width="match_parent"
            android:layout_height="match_parent"
            android:layout_gravity="center"
            android:layout_marginLeft="10dp"
            android:layout_marginRight="10dp"
            android:background="@android:color/transparent"
            android:digits="1234567890"
```

```
        android:fontFamily="@font/opensans_semiBold"
        android:gravity="center|left"
        android:hint="Enter Mobile Number"
        android:inputType="phone"
        android:maxLength="10"
        android:maxLines="1"
        android:paddingLeft="5dp"
        android:textColor="@color/black"
        android:textColorHint="@color/hintColor"
        android:textSize="15sp" />

    </LinearLayout>
</androidx.cardview.widget.CardView>

<androidx.cardview.widget.CardView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginLeft="2dp"
    android:layout_marginTop="15dp"
    android:layout_marginRight="2dp"
    android:background="@color/white"
    app:cardBackgroundColor="@color/white"
    app:cardCornerRadius="20dp">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="45dp"
        android:orientation="horizontal">

        <ImageView
            android:layout_width="17dp"
            android:layout_height="17dp"
            android:layout_gravity="center"
            android:layout_marginLeft="15dp"
            android:background="@drawable/ic_envelope"
            android:backgroundTint="@color/orange" />

        <EditText
            android:id="@+id/etEmail"
            android:layout_width="match_parent"
            android:layout_height="match_parent"
            android:layout_gravity="center"
            android:layout_marginLeft="10dp"
            android:layout_marginRight="10dp"
            android:background="@android:color/transparent"
            android:fontFamily="@font/opensans_semiBold"
            android:gravity="center|left"
            android:hint="Enter Email ID"
            android:inputType="textEmailAddress"
            android:maxLines="1"
            android:paddingLeft="5dp"
            android:textColor="@color/black"
            android:textColorHint="@color/hintColor"
            android:textSize="15sp" />
    
```

```
</LinearLayout>
</androidx.cardview.widget.CardView>

<androidx.cardview.widget.CardView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginLeft="2dp"
    android:layout_marginTop="15dp"
    android:layout_marginRight="2dp"
    android:background="@color/white"
    app:cardBackgroundColor="@color/white"
    app:cardCornerRadius="20dp">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="45dp"
        android:orientation="horizontal">

        <ImageView
            android:layout_width="17dp"
            android:layout_height="17dp"
            android:layout_gravity="center"
            android:layout_marginLeft="15dp"
            android:background="@drawable/ic_key"
            android:backgroundTint="@color/orange" />

        <EditText
            android:id="@+id/etPass"
            android:layout_width="match_parent"
            android:layout_height="match_parent"
            android:layout_gravity="center"
            android:layout_marginLeft="10dp"
            android:layout_marginRight="10dp"
            android:background="@android:color/transparent"
            android:fontFamily="@font/opensans_semiBold"
            android:gravity="center|left"
            android:hint="Enter Password"
            android:maxLines="1"
            android:paddingLeft="5dp"
            android:password="true"
            android:textColor="@color/black"
            android:textColorHint="@color/hintColor"
            android:textSize="15sp" />

    </LinearLayout>
</androidx.cardview.widget.CardView>

<androidx.cardview.widget.CardView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginLeft="2dp"
    android:layout_marginTop="20dp"
    android:layout_marginRight="2dp"
```

```

        android:background="@color/white"
        app:cardBackgroundColor="@color/white"
        app:cardCornerRadius="20dp">

    <Button
        android:id="@+id/btnSignUP"
        android:layout_width="match_parent"
        android:layout_height="45dp"
        android:background="@color/orange"
        android:fontFamily="@font/opensans_bold"
        android:gravity="center"
        android:text="Sign Up"
        android:textAllCaps="true"
        android:textColor="@color/white"
        android:textSize="17sp" />
    </androidx.cardview.widget.CardView>

    <TextView
        android:id="@+id/btn_Login"
        android:layout_width="match_parent"
        android:layout_height="30dp"
        android:layout_gravity="center"
        android:layout_marginLeft="10dp"
        android:layout_marginTop="5dp"
        android:layout_marginRight="10dp"
        android:fontFamily="@font/opensans_regular"
        android:gravity="center"
        android:text="Already registered? Login"
        android:textColor="@color/hintColor"
        android:textSize="14sp" />

    </LinearLayout>
</LinearLayout>

</RelativeLayout>

```

RegisterActivity.java

```

package com.gift.house;

import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;
import android.widget.Toast;

import androidx.appcompat.app.AppCompatActivity;

import com.gift.house.models.User;

public class RegisterActivity extends AppCompatActivity implements
View.OnClickListener {

```

```
private EditText name, phone, email, password;
private Button signUp;
private TextView login;

private DBHelper database;

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

    database = new DBHelper(this);
    name = findViewById(R.id.etName);
    phone = findViewById(R.id.etPhone);
    email = findViewById(R.id.etEmail);
    password = findViewById(R.id.etPass);
    signUp = findViewById(R.id.btnSignUP);
    login = findViewById(R.id.btn_Login);

    signUp.setOnClickListener(this);
    login.setOnClickListener(this);
}

@Override
public void onClick(View v) {

    switch (v.getId()) {
        case R.id.btnSignUP:
            register();
            break;
        case R.id.btn_Login:
            finish();
            break;
    }
}

private void register() {
    User user = new User();
    user.setName(name.getText().toString().trim());
    user.setPhone(phone.getText().toString().trim());
    user.setEmail(email.getText().toString().trim());
    user.setPassword(password.getText().toString().trim());
    user.setAddress("");

    if (!valid(user)) return;

    database.insertUser(user);
    Toast.makeText(this, "Registered Successfully", Toast.LENGTH_LONG).show();
    finish();
}
```

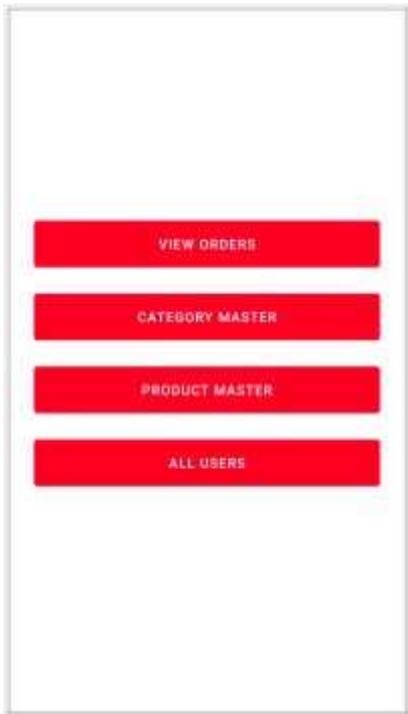
```
}

private boolean valid(User user) {

    if (user.getName().isEmpty()) {
        Toast.makeText(this, "Enter name", Toast.LENGTH_LONG).show();
        name.setError("Enter valid name");
        return false;
    }
    if (user.getPhone().isEmpty()) {
        Toast.makeText(this, "Enter valid phone", Toast.LENGTH_LONG).show();
        phone.setError("Enter valid phone");
        return false;
    }
    if (user.getEmail().isEmpty()) {
        Toast.makeText(this, "Enter valid email id", Toast.LENGTH_LONG).show();
        email.setError("Enter valid email");
        return false;
    }
    if (user.getPassword().isEmpty()) {
        Toast.makeText(this, "Enter valid Password", Toast.LENGTH_LONG).show();
        password.setError("Enter valid Password");
        return false;
    }

    return true;
}
}
```

activity_admin.xml



```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    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=".AdminActivity">

    <LinearLayout
        android:layout_width="0dp"
        android:layout_height="wrap_content"
        android:layout_margin="24dp"
        android:gravity="center"
        android:orientation="vertical"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent">

        <Button
            android:id="@+id/view_orders"
            android:layout_width="match_parent"
            android:layout_height="60dp"
            android:layout_marginBottom="16dp"
            android:layout_weight="1"
            android:backgroundTint="@color/orange"
            android:text="View Orders"
            android:textColor="@color/white" />

        <Button
            android:id="@+id/category_master"
            android:layout_width="match_parent"
```

```

        android:layout_height="60dp"
        android:layout_marginBottom="16dp"
        android:layout_weight="1"
        android:backgroundTint="@color/orange"
        android:text="Category Master"
        android:textColor="@color/white" />

    <Button
        android:id="@+id/product_master"
        android:layout_width="match_parent"
        android:layout_height="60dp"
        android:layout_marginBottom="16dp"
        android:layout_weight="1"
        android:backgroundTint="@color/orange"
        android:text="Product Master"
        android:textColor="@color/white" />

    <Button
        android:id="@+id/all_users"
        android:layout_width="match_parent"
        android:layout_height="60dp"
        android:layout_marginBottom="16dp"
        android:layout_weight="1"
        android:backgroundTint="@color/orange"
        android:text="All Users"
        android:textColor="@color/white" />
    </LinearLayout>
</androidx.constraintlayout.widget.ConstraintLayout>
```

AdminActivity.java

```

package com.gift.house;

import android.content.Intent;
import android.content.SharedPreferences;
import android.os.Bundle;
import android.util.Log;
import android.view.Menu;
import android.view.MenuItem;
import android.view.View;
import android.widget.Button;

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

public class AdminActivity extends AppCompatActivity implements View.OnClickListener
{

    private Button view_orders, category_master, product_master, all_users;

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

```

        view_orders = findViewById(R.id.view_orders);
        category_master = findViewById(R.id.category_master);
        product_master = findViewById(R.id.product_master);
        all_users = findViewById(R.id.all_users);

        view_orders.setOnClickListener(this);
        category_master.setOnClickListener(this);
        product_master.setOnClickListener(this);
        all_users.setOnClickListener(this);

    }

@Override
public boolean onCreateOptionsMenu(Menu menu) {
    getMenuInflater().inflate(R.menu.menu_admin, menu);
    return true;
}

@Override
public boolean onOptionsItemSelected(@NonNull MenuItem item) {
    SharedPreferences sharedpreferences =
getSharedPreferences("GiftHouse", MODE_PRIVATE);
    SharedPreferences.Editor editor = sharedpreferences.edit();
    editor.putString("admin","");
    editor.apply();
    startActivity(new Intent(this, LoginActivity.class));
    finishAffinity();
    return super.onOptionsItemSelected(item);
}

@Override
public void onClick(View v) {

    switch (v.getId()){
        case R.id.view_orders:
            startActivity(new Intent(this, OrdersActivity.class));
            break;

        case R.id.category_master:
            startActivity(new Intent(this, CategoriesActivity.class));
            break;

        case R.id.product_master:
            startActivity(new Intent(this, ProductsActivity.class));
            break;

        case R.id.all_users:
            startActivity(new Intent(this, UsersActivity.class));
            break;
    }
}
}

```

activity_orders.xml

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".OrdersActivity">

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

</LinearLayout>
```

OrdersActivity.java

```
package com.gift.house;

import android.content.Context;
import android.os.Bundle;

import androidx.appcompat.app.AppCompatActivity;
import androidx.recyclerview.widget.DividerItemDecoration;
import androidx.recyclerview.widget.LinearLayoutManager;
import androidx.recyclerview.widget.RecyclerView;

import com.gift.house.adapters.OrdersAdapter;
import com.gift.house.models.Order;

import java.util.ArrayList;

public class OrdersActivity extends AppCompatActivity {

    Context context;
    RecyclerView rvOrders;
    OrdersAdapter ordersAdapter;
    DBHelper database;
    ArrayList<Order> orders;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_orders);
        context = this;
        database = new DBHelper(context);
        orders = new ArrayList<>();
        ArrayList<Order> orders_ = database.getAllOrders();
        for (Order order : orders_) {
            orders.add(0, order);
        }
        rvOrders = findViewById(R.id.rv_orders);
        ordersAdapter = new OrdersAdapter(context, orders);
        rvOrders.setLayoutManager(new LinearLayoutManager(context));
    }
}
```

```

        rvOrders.addItemDecoration(new DividerItemDecoration(context,
DividerItemDecoration.VERTICAL));
        rvOrders.setAdapter(ordersAdapter);
    }
}

```

row_layout_orders.xml



```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout 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="wrap_content"
    android:orientation="vertical"
    android:padding="10dp">
    <TextView
        android:id="@+id/tv_order_id"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_margin="6dp"
        android:maxLines="1"
        android:ellipsize="end"
        android:text="Order ID: 1273571235"
        tools:ignore="HardcodedText" />

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_margin="6dp"
        android:orientation="horizontal">
        <TextView
            android:id="@+id/tv_mobile"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_weight="1"
            android:drawablePadding="8dp"
            android:text="21375127357"
            android:gravity="center_vertical"
            android:drawableTint="@color/colorPrimaryDark"
            app:drawableStartCompat="@drawable/ic_phone"
            tools:ignore="HardcodedText" />
        <TextView
            android:id="@+id/tv_amount"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_weight="1"
            android:drawablePadding="8dp"
            android:text="Amount: ₹1836"
            android:gravity="center_vertical|end"
            tools:ignore="HardcodedText" />
    
```

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

OrdersAdapter.java

```
package com.gift.house.adapters;

import android.annotation.SuppressLint;
import android.content.Context;
import android.content.Intent;
import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;
import android.widget.TextView;

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

import com.gift.house.OrderDetailsActivity;
import com.gift.house.R;
import com.gift.house.models.Order;

import java.util.ArrayList;

public class OrdersAdapter extends RecyclerView.Adapter<OrdersAdapter.ViewHolder> {

    Context context;
    ArrayList<Order> orders;

    public OrdersAdapter(Context context, ArrayList<Order> orders) {
        this.context = context;
        this.orders = orders;
    }

    @NonNull
    @Override
    public ViewHolder onCreateViewHolder(@NonNull ViewGroup parent, int viewType) {
        return new
ViewHolder(LayoutInflater.from(context).inflate(R.layout.row_layout_orders, parent,
false));
    }

    @SuppressLint("SetTextI18n")
    @Override
    public void onBindViewHolder(@NonNull ViewHolder holder, int position) {
        Order order = orders.get(position);
        holder.tvOrderID.setText("Order ID: " + order.getOrder_number());
        holder.tvPhone.setText(order.getUser_phone());
        holder.tvPrice.setText("Amount: ₹" + order.getAmount());
        holder.itemView.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                context.startActivity((new Intent(context,
OrderDetailsActivity.class)).putExtra("order", order));
            }
        });
    }
}
```

```

        }
    });
}

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

public class ViewHolder extends RecyclerView.ViewHolder {
    TextView tvOrderID, tvPhone, tvPrice;

    public ViewHolder(@NonNull View itemView) {
        super(itemView);
        tvOrderID = itemView.findViewById(R.id.tv_order_id);
        tvPhone = itemView.findViewById(R.id.tv_mobile);
        tvPrice = itemView.findViewById(R.id.tv_amount);
    }
}
}
}

```

activity_categories.xml

```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".CategoriesActivity">

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

</LinearLayout>

```

CategoriesActivity.java

```

package com.gift.house;

import android.content.Context;
import android.content.Intent;
import android.os.Bundle;
import android.view.Menu;
import android.view.MenuItem;

import androidx.appcompat.app.AppCompatActivity;
import androidx.recyclerview.widget.DividerItemDecoration;
import androidx.recyclerview.widget.LinearLayoutManager;
import androidx.recyclerview.widget.RecyclerView;

import com.gift.house.adapters.CategoriesAdapter;
import com.gift.house.models.Category;

import java.util.ArrayList;

```

```
public class CategoriesActivity extends AppCompatActivity {

    Context context;
    RecyclerView rvCategories;
    CategoriesAdapter categoriesAdapter;
    DBHelper database;
    ArrayList<Category> categories;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_categories);
        context = this;
        database = new DBHelper(context);

    }

    @Override
    protected void onResume() {
        super.onResume();
        categories = new ArrayList<>();
        categories.addAll(database.getCategories());
        rvCategories = findViewById(R.id.rv_categories);
        categoriesAdapter = new CategoriesAdapter(context, categories);
        rvCategories.setLayoutManager(new LinearLayoutManager(context));
        rvCategories.addItemDecoration(new DividerItemDecoration(context,
DividerItemDecoration.VERTICAL));
        rvCategories.setAdapter(categoriesAdapter);
    }

    @Override
    public boolean onCreateOptionsMenu(Menu menu) {
        getMenuInflater().inflate(R.menu.menu_cat, menu);
        return true;
    }

    @Override
    public boolean onOptionsItemSelected(MenuItem item) {

        switch (item.getItemId()) {

            case R.id.action_add_cat:
                //TODO add menu action here
                startActivity(new Intent(context, AddCategory.class));
                return true;

            default:

                return super.onOptionsItemSelected(item);
        }
    }
}
```

```
}
```

row_layout_category.xml



```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:padding="10dp">

    <TextView
        android:id="@+id/tv_cat_name"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_margin="6dp"
        android:text="Category Name" />

</LinearLayout>
```

CategoriesAdapter.java

```
package com.gift.house.adapters;

import android.content.Context;
import android.content.Intent;
import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;
import android.widget.TextView;

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

import com.gift.house.AddCategory;
import com.gift.house.R;
import com.gift.house.models.Category;

import java.util.ArrayList;

public class CategoriesAdapter extends RecyclerView.Adapter<CategoriesAdapter.ViewHolder> {
    Context context;
    ArrayList<Category> categories;

    public CategoriesAdapter(Context context, ArrayList<Category> categories) {
        this.context = context;
        this.categories = categories;
    }

    @NonNull
```

```

@Override
public ViewHolder onCreateViewHolder(@NonNull ViewGroup parent, int viewType) {
    return new
ViewHolder(LayoutInflater.from(context).inflate(R.layout.row_layout_category,
parent, false));
}

@Override
public void onBindViewHolder(@NonNull ViewHolder holder, int position) {
    Category category = categories.get(position);
    holder.tvCatName.setText(category.getName());

    holder.itemView.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            Intent intent = new Intent(context, AddCategory.class);
            intent.putExtra("category", category);
            context.startActivity(intent);
        }
    });
}

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

public class ViewHolder extends RecyclerView.ViewHolder {
    TextView tvCatName;

    public ViewHolder(@NonNull View itemView) {
        super(itemView);
        tvCatName = itemView.findViewById(R.id.tv_cat_name);
    }
}

```

activity_add_category.xml



```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout 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:layout_margin="16dp"
    android:orientation="vertical"

```

```

    android:padding="16dp"
    tools:context=".AddCategory">

<androidx.cardview.widget.CardView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginLeft="2dp"
    android:layout_marginTop="48dp"
    android:layout_marginRight="2dp"
    android:layout_marginBottom="24dp"
    android:background="@color/white"
    app:cardBackgroundColor="@color/white"
    app:cardCornerRadius="20dp">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="45dp"
        android:orientation="horizontal">

        <EditText
            android:id="@+id/cat_name"
            android:layout_width="match_parent"
            android:layout_height="match_parent"
            android:layout_gravity="center"
            android:layout_marginLeft="10dp"
            android:layout_marginRight="10dp"
            android:background="@android:color/transparent"
            android:fontFamily="@font/opensans_semiBold"
            android:gravity="center|left"
            android:hint="Category Name"
            android:inputType="textMultiLine"
            android:paddingLeft="5dp"
            android:singleLine="true"
            android:textColor="@color/black"
            android:textColorHint="@color/hintColor"
            android:textSize="15sp" />

    </LinearLayout>
</androidx.cardview.widget.CardView>

<Button
    android:id="@+id/save"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:onClick="onClick"
    android:text="Save"
    android:textColor="@color/white" />
</LinearLayout>
```

AddCategory.java

```

package com.gift.house;

import android.os.Bundle;
import android.view.Menu;
```

```
import android.view.MenuItem;
import android.view.View;
import android.widget.EditText;
import android.widget.Toast;

import androidx.appcompat.app.AppCompatActivity;

import com.gift.house.models.Category;

public class AddCategory extends AppCompatActivity {

    private EditText cat_name;
    private DBHelper database;
    private Category category;

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

        database = new DBHelper(this);
        cat_name = findViewById(R.id.cat_name);

        Bundle bundle = getIntent().getExtras();
        if (bundle != null) {
            category = (Category) bundle.get("category");
            cat_name.setText(category.getName());
        }
    }

    public void onClick(View view) {
        if (category == null) {
            insert();
        } else {
            update(category);
        }
    }

    private void insert() {
        Category cat = new Category();
        cat.setName(cat_name.getText().toString().trim());

        if (cat.getName().isEmpty()) {
            Toast.makeText(this, "Enter Category", Toast.LENGTH_LONG).show();
            cat_name.setError("Enter Category");
            return;
        }

        database.insertCategory(cat);
        Toast.makeText(this, "Category Added Successfully",
        Toast.LENGTH_LONG).show();
        onBackPressed();
    }
}
```

```

private void update(Category category) {

    if (cat_name.getText().toString().trim().isEmpty()) {
        Toast.makeText(this, "Enter Category", Toast.LENGTH_LONG).show();
        cat_name.setError("Enter Category");
        return;
    }

    category.setName(cat_name.getText().toString().trim());
    database.updateCategory(category);
    Toast.makeText(this, "Updated Successfully", Toast.LENGTH_LONG).show();
    onBackPressed();
}

@Override
public boolean onCreateOptionsMenu(Menu menu) {
    getMenuInflater().inflate(R.menu.menu_add_category, menu);
    if (category == null)
        menu.findItem(R.id.action_delete).setVisible(false);
    return true;
}

@Override
public boolean onOptionsItemSelected(MenuItem item) {
    switch (item.getItemId()) {
        case R.id.action_delete:
            //TODO add menu action here
            delete();
            return true;
        default:
            return super.onOptionsItemSelected(item);
    }
}

private void delete() {
    database.deleteCategory(category.getId());
    finish();
}
}

```

activity_products.xml

```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    tools:context=".ProductsActivity">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:background="@color/very_lightGrey"
        android:orientation="horizontal">

```

```
    android:padding="10dp">

    <TextView
        android:id="@+id/tv_name"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_weight="1"
        android:gravity="center"
        android:paddingStart="4dp"
        android:paddingEnd="4dp"
        android:text="Name"
        android:textColor="@color/black"
        tools:ignore="HardcodedText" />

    <TextView
        android:id="@+id/tv_category"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_weight="1"
        android:gravity="center"
        android:paddingStart="4dp"
        android:paddingEnd="4dp"
        android:text="Category"
        android:textColor="@color/black"
        tools:ignore="HardcodedText" />

    <TextView
        android:id="@+id/tv_description"
        android:layout_width="180dp"
        android:layout_height="wrap_content"
        android:gravity="center"
        android:paddingStart="4dp"
        android:paddingEnd="4dp"
        android:text="Description"
        android:textColor="@color/black"
        tools:ignore="HardcodedText" />

    <TextView
        android:id="@+id/tv_price"
        android:layout_width="60dp"
        android:layout_height="wrap_content"
        android:gravity="center"
        android:paddingStart="4dp"
        android:paddingEnd="4dp"
        android:text="Price(₹)"
        android:textColor="@color/black"
        tools:ignore="HardcodedText" />
</LinearLayout>

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

```
</LinearLayout>
```

ProductsActivity.java

```
package com.gift.house;

import android.content.Context;
import android.content.Intent;
import android.os.Bundle;
import android.view.Menu;
import android.view.MenuItem;

import androidx.appcompat.app.AppCompatActivity;
import androidx.recyclerview.widget.DividerItemDecoration;
import androidx.recyclerview.widget.LinearLayoutManager;
import androidx.recyclerview.widget.RecyclerView;

import com.gift.house.adapters.ProductsAdapter;
import com.gift.house.models.Product;

import java.util.ArrayList;

public class ProductsActivity extends AppCompatActivity {

    Context context;
    RecyclerView rvProducts;
    ProductsAdapter productsAdapter;
    DBHelper database;
    ArrayList<Product> products;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_products);
        context = this;
        database = new DBHelper(context);

        rvProducts = findViewById(R.id.rv_products_home);
    }

    @Override
    protected void onResume() {
        super.onResume();
        products = new ArrayList<>();

        products.addAll(database.getAllProducts());
        productsAdapter = new ProductsAdapter(context, products);
        rvProducts.setLayoutManager(new LinearLayoutManager(context));
        rvProducts.addItemDecoration(new DividerItemDecoration(context,
                DividerItemDecoration.VERTICAL));
        rvProducts.setAdapter(productsAdapter);
    }
}
```

```

}

@Override
public boolean onCreateOptionsMenu(Menu menu) {
    getMenuInflater().inflate(R.menu.menu_products, menu);
    return true;
}

@Override
public boolean onOptionsItemSelected(MenuItem item) {

    switch (item.getItemId()) {

        case R.id.action_add:
            //TODO add menu action here
            startActivity(new Intent(context, AddProduct.class));
            return true;

        default:

            return super.onOptionsItemSelected(item);
    }
}

```

row_layout_product_admin.xml



```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="vertical"
    android:padding="10dp">
    <TextView
        android:id="@+id/txt_close"
        android:layout_width="20dp"
        android:layout_height="20dp"
        android:layout_margin="8dp"
        android:layout_gravity="end"
        android:visibility="gone" />
    <TextView
        android:id="@+id/tv_name"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_weight="1"
        android:paddingStart="4dp"
        android:paddingEnd="4dp"
        android:gravity="center" />
    <TextView
        android:id="@+id/tv_desc"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_weight="1"
        android:paddingStart="4dp"
        android:paddingEnd="4dp"
        android:gravity="center" />
    <TextView
        android:id="@+id/tv_id"
        android:layout_width="20dp"
        android:layout_height="48dp"
        android:layout_weight="1"
        android:gravity="center" />
    <TextView
        android:id="@+id/tv_cat"
        android:layout_width="20dp"
        android:layout_height="48dp"
        android:layout_weight="1"
        android:gravity="center" />
    <TextView
        android:id="@+id/tv_desc"
        android:layout_width="20dp"
        android:layout_height="48dp"
        android:layout_weight="1"
        android:gravity="center" />
    <TextView
        android:id="@+id/tv_qty"
        android:layout_width="20dp"
        android:layout_height="48dp"
        android:layout_weight="1"
        android:gravity="center" />
    <TextView
        android:id="@+id/tv_price"
        android:layout_width="20dp"
        android:layout_height="48dp"
        android:layout_weight="1"
        android:gravity="center" />
    <TextView
        android:id="@+id/tv_total"
        android:layout_width="20dp"
        android:layout_height="48dp"
        android:layout_weight="1"
        android:gravity="center" />
</LinearLayout>

```

```

<TextView
    android:id="@+id/tv_category"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_weight="1"
    android:paddingStart="4dp"
    android:paddingEnd="4dp"
    android:gravity="center" />

<TextView
    android:id="@+id/tv_description"
    android:layout_width="180dp"
    android:layout_height="wrap_content"
    android:paddingStart="4dp"
    android:paddingEnd="4dp"
    android:gravity="center" />

<TextView
    android:id="@+id/tv_price"
    android:layout_width="60dp"
    android:layout_height="wrap_content"
    android:paddingStart="4dp"
    android:paddingEnd="4dp"
    android:gravity="center" />

<androidx.constraintlayout.widget.ConstraintLayout
    android:id="@+id/btn_add"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:orientation="horizontal"
    android:visibility="gone"/>

<androidx.constraintlayout.widget.ConstraintLayout
    android:id="@+id/btn_remove"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:orientation="horizontal"
    android:visibility="gone" />

<ImageView
    android:id="@+id/prodImage"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:visibility="gone"
    tools:ignore="ContentDescription" />
</LinearLayout>

```

ProductsAdapter.java

```

package com.gift.house.adapters;

import android.content.Context;
import android.content.Intent;
import android.content.SharedPreferences;

```

```
import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;
import android.widget.ImageView;
import android.widget.TextView;

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

import com.gift.house.AddProduct;
import com.gift.house.DBHelper;
import com.gift.house.R;
import com.gift.house.models.Order;
import com.gift.house.models.Product;
import com.gift.house.utils.utils;
import com.google.gson.Gson;
import com.google.gson.reflect.TypeToken;

import java.lang.reflect.Type;
import java.util.ArrayList;

import static android.content.Context.MODE_PRIVATE;

public class ProductsAdapter extends RecyclerView.Adapter<ProductsAdapter.ViewHolder> {
    Context context;
    ArrayList<Product> products;
    ArrayList<Product> cartProducts;
    boolean isOrderDetails = false;
    boolean isCart = false;
    int layoutID;
    DBHelper database;
    SharedPreferences sharedpreferences;

    public ProductsAdapter(Context context, ArrayList<Product> products) {
        this.context = context;
        this.products = products;
        database = new DBHelper(context);
        sharedpreferences = context.getSharedPreferences("GiftHouse", MODE_PRIVATE);
        cartProducts = new ArrayList<>();
        ArrayList<Order> cart =
        database.getCart(sharedpreferences.getString("user_phone", ""));
        if (cart != null && cart.size() > 0) {
            cartProducts.addAll(getProducts(cart.get(0).getProducts()));
        }
    }

    public ProductsAdapter(Context context, ArrayList<Product> products, int layoutID, boolean isCart) {
        this.context = context;
        this.products = products;
        this.layoutID = layoutID;
        this.isCart = isCart;
    }

    @NonNull
    @Override
    public ViewHolder onCreateViewHolder(@NonNull ViewGroup parent, int viewType) {
        View view = LayoutInflater.from(context).inflate(layoutID, parent, false);
        return new ViewHolder(view);
    }

    @Override
    public void onBindViewHolder(@NonNull ViewHolder holder, int position) {
        Product product = products.get(position);
        holder.productName.setText(product.getName());
        holder.productImage.setImageResource(product.getImage());
        holder.productPrice.setText("₹ " + product.getPrice());
        holder.productDescription.setText(product.getDescription());
        holder.productQuantity.setText("Quantity: " + product.getQuantity());
        holder.productStockStatus.setText("Stock Status: " + product.getStockStatus());
        holder.productRating.setText("Rating: " + product.getRating());
        holder.productReviewsCount.setText("Reviews: " + product.getReviewsCount());
        holder.productAddToCart.setOnClickListener(v -> {
            AddProduct.addProductToCart(context, product.getId(), product.getName(), product.getPrice(), product.getQuantity(), product.getStockStatus());
        });
    }

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

```

        database = new DBHelper(context);
        sharedPreferences = context.getSharedPreferences("GiftHouse", MODE_PRIVATE);
        cartProducts = new ArrayList<>();
        ArrayList<Order> cart =
database.getCart(sharedPreferences.getString("user_phone", ""));
        if (cart != null && cart.size() > 0) {
            cartProducts.addAll(getProducts(cart.get(0).getProducts()));
        }
    }

    public ProductsAdapter(Context context, ArrayList<Product> products, boolean
isOrderDetails) {
        this.context = context;
        this.products = products;
        this.isOrderDetails = isOrderDetails;
        database = new DBHelper(context);
        sharedPreferences = context.getSharedPreferences("GiftHouse", MODE_PRIVATE);
        cartProducts = new ArrayList<>();
        ArrayList<Order> cart =
database.getCart(sharedPreferences.getString("user_phone", ""));
        if (cart != null && cart.size() > 0) {
            cartProducts.addAll(getProducts(cart.get(0).getProducts()));
        }
    }

    @NonNull
    @Override
    public ViewHolder onCreateViewHolder(@NonNull ViewGroup parent, int viewType) {
        if (layoutID == 0) {
            return new
ViewHolder(LayoutInflater.from(context).inflate(R.layout.row_layout_product_admin,
parent, false));
        } else {
            return new ViewHolder(LayoutInflater.from(context).inflate(layoutID,
parent, false));
        }
    }

    @Override
    public void onBindViewHolder(@NonNull ViewHolder holder, int position) {
        Product product = products.get(position);
        holder.tvName.setText(product.getName());
        holder.tvCategory.setText(product.getCat_name());
        holder.tvDescription.setText(product.getDescription());
        holder.tvPrice.setText(product.getPrice());

        holder.ivClose.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                products.remove(product);
                String userPhone = sharedPreferences.getString("user_phone", "");
                ArrayList<Order> cart = database.getCart(userPhone);
                if (!userPhone.isEmpty()) {
                    if (cart.size() > 0) {

```

```

        Order order = cart.get(0);
        ArrayList<Product> products =
getProducts(order.getProducts());
        if (products.size() > 0) {
            for (Product p : products) {
                if (p.getId() == product.getId()) {
                    products.remove(p);
                    break;
                }
            }
        }
        if (products.size() < 1) {
            database.deleteCart(order);
        } else {
            Gson gson = new Gson();
            order.setProducts(gson.toJson(products));
            order.setAmount(getOrderAmount(products));
            database.updateCart(order);
        }
    }
}
notifyItemRemoved(position);
}

try {
    holder.photo.setImageBitmap(utils.getBitmap(product.getPhoto()));
} catch (Exception e) {
    e.printStackTrace();
}

if (!isOrderDetails && layoutID == 0) {
    holder.itemView.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            Intent intent = new Intent(context, AddProduct.class);
            intent.putExtra("product", product);
            context.startActivity(intent);
        }
    });
}

for (Product p : cartProducts) {
    if (p.getId() == product.getId()) {
        holder.btnAdd.setVisibility(View.INVISIBLE);
        holder.btnRemove.setVisibility(View.VISIBLE);
        break;
    }
}

if (isCart) {
    holder.ivClose.setVisibility(View.VISIBLE);
    holder.btnAdd.setVisibility(View.GONE);
    holder.btnRemove.setVisibility(View.GONE);
}

```

```

        } else {
            holder.ivClose.setVisibility(View.GONE);
        }

        holder.btnAdd.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                addProduct(holder.btnAdd, holder.btnRemove, product);
            }
        });

        holder.btnRemove.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                removeProduct(holder.btnAdd, holder.btnRemove, product);
            }
        });
    }

    private void addProduct(ConstraintLayout btnAdd, ConstraintLayout btnRemove,
                           Product product) {
        String userPhone = sharedPreferences.getString("user_phone", "");
        ArrayList<Order> cart = database.getCart(userPhone);
        if (!userPhone.isEmpty()) {
            if (cart.size() > 0) {
                Order order = cart.get(0);
                ArrayList<Product> products = getProducts(order.getProducts());
                if (!products.contains(product)) {
                    products.add(product);
                }
                Gson gson = new Gson();
                order.setProducts(gson.toJson(products));
                order.setAmount(getOrderAmount(products));
                database.updateCart(order);
            } else {
                Order order = new Order();
                order.setOrder_number("GSON" + System.currentTimeMillis());
                order.setUser_phone(userPhone);
                Gson gson = new Gson();
                order.setProducts(gson.toJson((new
                        ArrayList<Product>()).add(product)));
                order.setAmount(getOrderAmount(products));
                database.insertCart(order);
            }
            btnAdd.setVisibility(View.INVISIBLE);
            btnRemove.setVisibility(View.VISIBLE);
        }
    }

    private void removeProduct(ConstraintLayout btnAdd, ConstraintLayout btnRemove,
                               Product product) {
        String userPhone = sharedPreferences.getString("user_phone", "");
        ArrayList<Order> cart = database.getCart(userPhone);
        if (!userPhone.isEmpty()) {

```

```

        if (cart.size() > 0) {
            Order order = cart.get(0);
            ArrayList<Product> products = getProducts(order.getProducts());
            if (products.size() > 0) {
                for (Product p : products) {
                    if (p.getId() == product.getId()) {
                        products.remove(p);
                        break;
                    }
                }
            }
            if (products.size() < 1) {
                database.deleteCart(order);
            } else {
                Gson gson = new Gson();
                order.setProducts(gson.toJson(products));
                order.setAmount(getOrderAmount(products));
                database.updateCart(order);
            }
            btnRemove.setVisibility(View.INVISIBLE);
            btnAdd.setVisibility(View.VISIBLE);
        }
    }

private String getOrderAmount(ArrayList<Product> products) {
    int sum = 0;
    for (Product product : products) {
        try {
            sum += Integer.parseInt(product.getPrice());
        } catch (NumberFormatException ignore) {
        }
    }
    return String.valueOf(sum);
}

private ArrayList<Product> getProducts(String products_) {
    ArrayList<Product> products = new ArrayList<>();
    try {
        Gson gson = new Gson();
        Type listType = new TypeToken<ArrayList<Product>>() {
        }.getType();
        products.addAll(gson.fromJson(products_, listType));
    } catch (Exception e) {
        e.printStackTrace();
    }
    return products;
}

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

```

```

public class ViewHolder extends RecyclerView.ViewHolder {
    TextView tvName, tvDescription, tvCategory, tvPrice;
    ConstraintLayout btnAdd, btnRemove;
    ImageView photo;
    TextView ivClose;

    public ViewHolder(@NonNull View itemView) {
        super(itemView);
        tvName = itemView.findViewById(R.id.tv_name);
        tvDescription = itemView.findViewById(R.id.tv_description);
        tvCategory = itemView.findViewById(R.id.tv_category);
        tvPrice = itemView.findViewById(R.id.tv_price);
        photo = itemView.findViewById(R.id.prodImage);
        btnAdd = itemView.findViewById(R.id.btnAdd);
        btnRemove = itemView.findViewById(R.id.btn_remove);
        ivClose = itemView.findViewById(R.id.txt_close);
    }
}
}

```

activity_add_product.xml



```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout 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:layout_margin="16dp"
    android:orientation="vertical"
    android:padding="16dp"
    tools:context=".AddProduct">

```

```
<ScrollView
    android:layout_width="match_parent"
    android:layout_height="0dp"
    android:layout_weight="1">

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

        <androidx.cardview.widget.CardView
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_marginLeft="2dp"
            android:layout_marginTop="10dp"
            android:layout_marginRight="2dp"
            android:layout_marginBottom="16dp"
            android:background="@color/white"
            android:rotation="0"
            android:rotationX="0"
            android:rotationY="0"
            app:cardBackgroundColor="@color/white"
            app:cardCornerRadius="20dp">

            <LinearLayout
                android:layout_width="match_parent"
                android:layout_height="45dp"
                android:orientation="horizontal">

                <EditText
                    android:id="@+id/name"
                    android:layout_width="match_parent"
                    android:layout_height="match_parent"
                    android:layout_gravity="center"
                    android:layout_marginLeft="10dp"
                    android:layout_marginRight="10dp"
                    android:background="@android:color/transparent"
                    android:fontFamily="@font/opensans_semiBold"
                    android:gravity="center|left"
                    android:hint="Product Name"
                    android:maxLines="1"
                    android:paddingLeft="5dp"
                    android:singleLine="true"
                    android:textColor="@color/black"
                    android:textColorHint="@color/hintColor"
                    android:textSize="15sp" />

            </LinearLayout>
        </androidx.cardview.widget.CardView>

        <androidx.cardview.widget.CardView
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_marginLeft="2dp"
            android:layout_marginTop="10dp"
            android:layout_marginRight="2dp"
            android:layout_marginBottom="16dp"
            android:background="@color/white"
            android:rotation="0"
            android:rotationX="0"
            android:rotationY="0"
            app:cardBackgroundColor="@color/white"
            app:cardCornerRadius="20dp">

            <LinearLayout
                android:layout_width="match_parent"
                android:layout_height="45dp"
                android:orientation="horizontal">

                <EditText
                    android:id="@+id/price"
                    android:layout_width="match_parent"
                    android:layout_height="match_parent"
                    android:layout_gravity="center"
                    android:layout_marginLeft="10dp"
                    android:layout_marginRight="10dp"
                    android:background="@android:color/transparent"
                    android:fontFamily="@font/opensans_semiBold"
                    android:gravity="center|left"
                    android:hint="Price"
                    android:maxLines="1"
                    android:paddingLeft="5dp"
                    android:singleLine="true"
                    android:textColor="@color/black"
                    android:textColorHint="@color/hintColor"
                    android:textSize="15sp" />

            </LinearLayout>
        </androidx.cardview.widget.CardView>

    </LinearLayout>
</ScrollView>
```

```
        android:layout_marginLeft="2dp"
        android:layout_marginTop="10dp"
        android:layout_marginRight="2dp"
        android:layout_marginBottom="16dp"
        android:background="@color/white"
        app:cardBackgroundColor="@color/white"
        app:cardCornerRadius="20dp">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="45dp"
        android:orientation="horizontal">

        <Spinner
            android:id="@+id/cat_name"
            android:layout_width="match_parent"
            android:layout_height="match_parent"
            android:layout_gravity="center"
            android:layout_marginLeft="10dp"
            android:layout_marginRight="10dp"
            android:background="@android:color/transparent"
            android:fontFamily="@font/opensans_semiBold"
            android:gravity="center|left"
            android:paddingLeft="5dp"
            android:singleLine="true"
            android:textColor="@color/black"
            android:textColorHint="@color/hintColor"
            android:textSize="15sp" />

    </LinearLayout>
</androidx.cardview.widget.CardView>

<androidx.cardview.widget.CardView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginLeft="2dp"
    android:layout_marginTop="10dp"
    android:layout_marginRight="2dp"
    android:layout_marginBottom="16dp"
    android:background="@color/white"
    app:cardBackgroundColor="@color/white"
    app:cardCornerRadius="20dp">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="45dp"
        android:orientation="horizontal">

        <EditText
            android:id="@+id/price"
            android:layout_width="match_parent"
            android:layout_height="match_parent"
            android:layout_gravity="center"
            android:layout_marginLeft="10dp"
```

```
        android:layout_marginRight="10dp"
        android:background="@android:color/transparent"
        android:fontFamily="@font/opensans_semiBold"
        android:gravity="center|left"
        android:hint="Product Price"
        android:inputType="numberDecimal"
        android:maxLines="1"
        android:paddingLeft="5dp"
        android:singleLine="true"
        android:textColor="@color/black"
        android:textColorHint="@color/hintColor"
        android:textSize="15sp" />

    </LinearLayout>
</androidx.cardview.widget.CardView>

<androidx.cardview.widget.CardView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginLeft="2dp"
    android:layout_marginTop="10dp"
    android:layout_marginRight="2dp"
    android:layout_marginBottom="16dp"
    android:background="@color/white"
    app:cardBackgroundColor="@color/white"
    app:cardCornerRadius="20dp">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="45dp"
        android:orientation="horizontal">

        <EditText
            android:id="@+id/description"
            android:layout_width="match_parent"
            android:layout_height="match_parent"
            android:layout_gravity="center"
            android:layout_marginLeft="10dp"
            android:layout_marginRight="10dp"
            android:background="@android:color/transparent"
            android:fontFamily="@font/opensans_semiBold"
            android:gravity="center|left"
            android:hint="Description"
            android:maxLines="1"
            android:paddingLeft="5dp"
            android:singleLine="true"
            android:textColor="@color/black"
            android:textColorHint="@color/hintColor"
            android:textSize="15sp" />

    </LinearLayout>
</androidx.cardview.widget.CardView>
```

```

<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="10dp"
    android:layout_marginTop="12dp"
    android:layout_marginEnd="2dp"
    android:text="Image"
    android:textColor="@color/black"
    android:textSize="18sp"
    tools:ignore="HardcodedText" />

<androidx.cardview.widget.CardView
    android:layout_width="180dp"
    android:layout_height="180dp"
    android:layout_marginLeft="2dp"
    android:layout_marginTop="10dp"
    android:layout_marginRight="2dp"
    android:layout_marginBottom="16dp"
    android:background="@color/white"
    app:cardBackgroundColor="@color/white"
    app:cardCornerRadius="20dp">

    <androidx.appcompat.widget.AppCompatImageView
        android:id="@+id/photo"
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:background="@drawable/rounded_bg"
        android:scaleType="centerCrop"
        android:src="@drawable/ic_photo" />

</androidx.cardview.widget.CardView>

</LinearLayout>

</ScrollView>

<Button
    android:id="@+id/save"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="Save"
    android:textColor="@color/white" />
</LinearLayout>

```

AddProduct.java

```

package com.gift.house;

import android.annotation.SuppressLint;
import android.app.Activity;
import android.content.Intent;
import android.net.Uri;
import android.os.Bundle;
import android.view.Menu;

```

```
import android.view.MenuItem;
import android.view.View;
import android.widget.ArrayAdapter;
import android.widget.EditText;
import android.widget.Spinner;
import android.widget.Toast;

import androidx.annotation.Nullable;
import androidx.appcompat.app.AppCompatActivity;
import androidx.appcompat.widget.AppCompatImageView;

import com.gift.house.models.Product;
import com.gift.house.utils.utils;
import com.github.dhaval2404.imagepicker.ImagePicker;

public class AddProduct extends AppCompatActivity implements View.OnClickListener {

    Product product;
    private EditText name, price, description;
    private Spinner cat_name;
    private AppCompatImageView photo;
    private DBHelper database;
    private ArrayAdapter<String> categoryAdapter;

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

        database = new DBHelper(this);
        name = findViewById(R.id.name);
        price = findViewById(R.id.price);
        description = findViewById(R.id.description);
        cat_name = findViewById(R.id.cat_name);
        photo = findViewById(R.id.photo);

        findViewById(R.id.save).setOnClickListener(this);
        photo.setOnClickListener(this);
        selectCategories();

        Bundle bundle = getIntent().getExtras();
        if (bundle != null) {
            product = (Product) bundle.getSerializable("product");
            setData(product);
            getSupportActionBar().setTitle("Edit Product");
        }
    }

    private void selectCategories() {
        categoryAdapter = new ArrayAdapter<>(this,
        android.R.layout.simple_spinner_item, database.getAllCategories());
    }
}
```

```

categoryAdapter.setDropDownViewResource(android.R.layout.simple_spinner_dropdown_item);
        cat_name.setAdapter(categoryAdapter);
    }

private void setData(Product product) {
    name.setText(product.getName());
    price.setText(product.getPrice());
    description.setText(product.getDescription());
    cat_name.setSelection(categoryAdapter.getPosition(product.getCat_name()));
    if (product.getPhoto() != null) {
        photo.setImageBitmap(utils.getBitmap(product.getPhoto()));
    }
}

@SuppressWarnings("NonConstantResourceId")
@Override
public void onClick(View v) {
    switch (v.getId()) {
        case R.id.save:
            if (product == null) {
                insert();
            } else {
                update(product);
            }
            break;
        case R.id.photo:
            pickPhoto();
            break;
    }
}

private void insert() {
    Product p = new Product();
    p.setName(name.getText().toString().trim());
    p.setPrice(price.getText().toString().trim());
    p.setDescription(description.getText().toString().trim());
    p.setCat_name(cat_name.getSelectedItem().toString());
    try {
        p.setPhoto(utils.getEncodedImageString(utils.getBitmap(photo)));
    } catch (Exception e) {
        e.printStackTrace();
    }
    if (!valid(p)) return;

    database.insertProduct(p);
    Toast.makeText(this, "Product Added Successfully", Toast.LENGTH_LONG).show();
    onBackPressed();
}

```

```

private void update(Product product) {
    product.setName(name.getText().toString().trim());
    product.setPrice(price.getText().toString().trim());
    product.setDescription(description.getText().toString().trim());
    product.setCat_name(cat_name.getSelectedItem().toString());
    try {
        product.setPhoto(utils.getEncodedImageString(utils.getBitmap(photo)));
    } catch (Exception e) {
        e.printStackTrace();
    }
}

if (!valid(product)) return;

database.updateProduct(product);
Toast.makeText(this, "Updated Successfully", Toast.LENGTH_LONG).show();
onBackPressed();
}

private boolean valid(Product product) {

    if (product.getName().isEmpty()) {
        Toast.makeText(this, "Enter Product name", Toast.LENGTH_LONG).show();
        name.setError("Enter Product name");
        return false;
    }

    if (product.getPrice().isEmpty()) {
        Toast.makeText(this, "Enter Price", Toast.LENGTH_LONG).show();
        price.setError("Enter price");
        return false;
    }

    return true;
}

@Override
public boolean onCreateOptionsMenu(Menu menu) {
    getMenuInflater().inflate(R.menu.menu_add_product, menu);
    if (product == null)
        menu.findItem(R.id.action_delete).setVisible(false);
    return true;
}

@Override
public boolean onOptionsItemSelected(MenuItem item) {

    switch (item.getItemId()) {

        case R.id.action_delete:
            //TODO add menu action here
            delete();
            return true;
    }
}

```

```

    default:

        return super.onOptionsItemSelected(item);
    }

}

private void delete() {
    database.deleteProduct(product.getId());
    finish();
}

public void pickPhoto() {
    ImagePicker.Companion.with(this)
        //.crop()                                     //Crop image(Optional), Check Customization
for more option
        .compress(1024)                            //Final image size will be less than 1
MB(Optional)
        .maxResultSize(512, 512)                  //Final image resolution will be less
than 1080 x 1080(Optional)
        .start();
}

@Override
protected void onActivityResult(int requestCode, int resultCode, @Nullable Intent
data) {
    super.onActivityResult(requestCode, resultCode, data);
    if (resultCode == Activity.RESULT_OK) {
        //Image Uri will not be null for RESULT_OK
        Uri fileUri = null;
        if (data != null) {
            fileUri = data.getData();
            photo.setImageURI(fileUri);
        }
    } else if (resultCode == ImagePicker.RESULT_ERROR) {
        Toast.makeText(this, ImagePicker.Companion.getError(data),
Toast.LENGTH_SHORT).show();
    } else {
        Toast.makeText(this, "Cancelled", Toast.LENGTH_SHORT).show();
    }
}
}

```

activity_users.xml

```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".UsersActivity">

```

```

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

</LinearLayout>

```

UsersActivity.java

```

package com.gift.house;

import android.content.Context;
import android.os.Bundle;

import androidx.appcompat.app.AppCompatActivity;
import androidx.recyclerview.widget.DividerItemDecoration;
import androidx.recyclerview.widget.LinearLayoutManager;
import androidx.recyclerview.widget.RecyclerView;

import com.gift.house.adapters.UsersAdapter;
import com.gift.house.models.User;

import java.util.ArrayList;

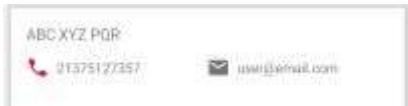
public class UsersActivity extends AppCompatActivity {

    Context context;
    RecyclerView rvUsers;
    UsersAdapter usersAdapter;
    DBHelper database;
    ArrayList<User> users;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_users);
        context = this;
        database = new DBHelper(context);
        users = new ArrayList<>();
        users.addAll(database.getAllUsers());
        rvUsers = findViewById(R.id.rv_users);
        usersAdapter = new UsersAdapter(context, users);
        rvUsers.setLayoutManager(new LinearLayoutManager(context));
        rvUsers.addItemDecoration(new DividerItemDecoration(context,
        DividerItemDecoration.VERTICAL));
        rvUsers.setAdapter(usersAdapter);
    }
}

```

row_layout_users.xml



```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout 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="wrap_content"
    android:orientation="vertical"
    android:padding="10dp">

    <TextView
        android:id="@+id/tv_name"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_margin="6dp"
        android:ellipsize="end"
        android:maxLines="1"
        android:text="ABC XYZ PQR"
        android:textSize="16sp"
        tools:ignore="HardcodedText" />

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_margin="6dp"
        android:orientation="horizontal">

        <TextView
            android:id="@+id/tv_mobile"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_weight="1"
            android:drawablePadding="8dp"
            android:drawableTint="@color/colorPrimaryDark"
            android:ellipsize="end"
            android:gravity="center_vertical"
            android:maxLines="1"
            android:text="21375127357"
            app:drawableStartCompat="@drawable/ic_phone"
            tools:ignore="HardcodedText" />

        <TextView
            android:id="@+id/tv_email"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_weight="1"
            android:drawablePadding="8dp"
            android:gravity="center_vertical"
            android:maxLines="1"
            android:text="user@email.com"
            app:drawableStartCompat="@drawable/ic_email"
            tools:ignore="HardcodedText" />
    

```

```

        android:id="@+id/tv_address"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_margin="6dp"
        android:ellipsize="end"
        android:maxLines="1"
        android:textSize="16sp"
        android:visibility="gone"
        tools:ignore="HardcodedText" />

    </LinearLayout>

```

UsersAdapter.java

```

package com.gift.house.adapters;

import android.content.Context;
import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;
import android.widget.TextView;

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

import com.gift.house.R;
import com.gift.house.models.User;

import java.util.ArrayList;

public class UsersAdapter extends RecyclerView.Adapter<UsersAdapter.ViewHolder> {

    Context context;
    ArrayList<User> users;

    public UsersAdapter(Context context, ArrayList<User> users) {
        this.context = context;
        this.users = users;
    }

    @NonNull
    @Override
    public ViewHolder onCreateViewHolder(@NonNull ViewGroup parent, int viewType) {
        return new
ViewHolder(LayoutInflater.from(context).inflate(R.layout.row_layout_users, parent,
false));
    }

    @Override
    public void onBindViewHolder(@NonNull ViewHolder holder, int position) {
        User user = users.get(position);
        holder.tvName.setText(user.getName());
        holder.tvMobile.setText(user.getPhone());
        holder.tvEmail.setText(user.getEmail());
        holder.tvAddress.setText(user.getAddress());
    }
}

```

```

    }

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

    public class ViewHolder extends RecyclerView.ViewHolder {
        TextView tvName, tvMobile, tvEmail, tvAddress;

        public ViewHolder(@NonNull View itemView) {
            super(itemView);
            tvName = itemView.findViewById(R.id.tv_name);
            tvMobile = itemView.findViewById(R.id.tv_mobile);
            tvEmail = itemView.findViewById(R.id.tv_email);
            tvAddress = itemView.findViewById(R.id.tv_address);
        }
    }
}
}

```

activity_main.xml

```

<?xml version="1.0" encoding="utf-8"?>
<androidx.drawerlayout.widget.DrawerLayout
    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:id="@+id/drawer_layout"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:fitsSystemWindows="true"
    tools:context=".MainActivity"
    tools:openDrawer="start">

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

        <androidx.constraintlayout.widget.ConstraintLayout
            android:id="@+id/top_bar"
            android:layout_width="match_parent"
            android:layout_height="60dp"
            android:background="@color/colorPrimaryDark">

            <ImageView
                android:id="@+id/menu"
                android:layout_width="30dp"
                android:layout_height="30dp"
                android:layout_marginStart="10dp"
                android:layout_marginTop="15dp"
                android:scaleType="centerCrop"
                android:src="@drawable/ic_menu"
                android:visibility="visible"
                app:layout_constraintStart_toStartOf="parent"

```

```
    app:layout_constraintTop_toTopOf="parent"
    app:tint="@color/white" />

<TextView
    android:id="@+id/tv_title"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="30dp"
    android:text="Gifts"
    android:textColor="@color/white"
    android:textSize="22sp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintStart_toEndOf="@+id/menu"
    app:layout_constraintTop_toTopOf="parent"
    tools:ignore="HardcodedText" />

</androidx.constraintlayout.widget.ConstraintLayout>

<androidx.recyclerview.widget.RecyclerView
    android:id="@+id/rv_products_"
    android:layout_width="match_parent"
    android:layout_height="0dp"
    android:layout_weight="1"
    android:visibility="gone" />

<androidx.viewpager.widget.ViewPager
    android:id="@+id/view_pager"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:layout_weight="1"
    android:padding="6dp">

    <androidx.recyclerview.widget.RecyclerView
        android:id="@+id/rv_products_home"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_margin="12dp"
        android:scrollbars="none"
        app:layout_behavior="@string/appbar_scrolling_view_behavior" />

    <androidx.recyclerview.widget.RecyclerView
        android:id="@+id/rv_my_orders"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_margin="12dp"
        android:scrollbars="none"
        app:layout_behavior="@string/appbar_scrolling_view_behavior" />

    <include layout="@layout/layout_cart" />
</androidx.viewpager.widget.ViewPager>

<com.google.android.material.bottomnavigation.BottomNavigationView
    android:id="@+id/bottom_nav"
```

```

        android:layout_width="match_parent"
        android:layout_height="52dp"
        android:background="?android:attr/windowBackground"
        android:theme="@style/NavigationTheme"
        app:itemRippleColor="@color/orange"
        app:menu="@menu/bottom_nav_menu" />

    </LinearLayout>

    <com.google.android.material.navigation.NavigationView
        android:id="@+id/side_nav"
        android:layout_width="wrap_content"
        android:layout_height="match_parent"
        android:layout_gravity="start"
        android:background="@color/black_fade"
        android:fitsSystemWindows="true"
        app:headerLayout="@layout/nav_header_main"
        app:itemIconTint="#999999"
        app:itemTextColor="#fff"
        app:menu="@menu/activity_main_drawer" />

</androidx.drawerlayout.widget.DrawerLayout>

```

MainActivity.java

```

package com.gift.house;

import android.annotation.SuppressLint;
import android.content.Context;
import android.content.Intent;
import android.content.SharedPreferences;
import android.os.Bundle;
import android.view.MenuItem;
import android.view.View;
import android.widget.LinearLayout;
import android.widget.RelativeLayout;
import android.widget.TextView;

import androidx.annotation.NonNull;
import androidx.annotation.Nullable;
import androidx.appcompat.app.AppCompatActivity;
import androidx.drawerlayout.widget.DrawerLayout;
import androidx.recyclerview.widget.DividerItemDecoration;
import androidx.recyclerview.widget.LinearLayoutManager;
import androidx.recyclerview.widget.RecyclerView;
import androidx.viewpager.widget.ViewPager;

import com.gift.house.adapters.HomePagerAdapter;
import com.gift.house.adapters.OrdersAdapter;
import com.gift.house.adapters.ProductsAdapter;
import com.gift.house.models.Order;
import com.gift.house.models.Product;
import com.google.android.material.bottomnavigation.BottomNavigationView;
import com.google.android.material.navigation.NavigationView;
import com.google.gson.Gson;

```

```
import com.google.gson.reflect.TypeToken;

import java.lang.reflect.Type;
import java.util.ArrayList;

public class MainActivity extends AppCompatActivity {

    BottomNavigationView bottomNavigationView;
    NavigationView navigationView;
    DrawerLayout drawer;
    RecyclerView rvProducts;
    DBHelper database;
    Context context;
    private ArrayList<Product> products, cartProducts;
    private ProductsAdapter productsAdapter, cartAdapter;
    private OrdersAdapter myOrdersAdapter;
    private SharedPreferences sharedpreferences;
    private ViewPager viewPager;
    private HomePagerAdapter homePagerAdapter;
    private TextView tvTitle;
    private RecyclerView recyclerCart;
    private RelativeLayout noCartData;
    private LinearLayout viewCartItems;
    private TextView txt_totalQuan, txt_totalamount;
    private TextView btn_Checkout;
    private Order order;
    private ArrayList<Order> myOrders;
    private RecyclerView rv_my_orders;

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

        context = this;
        sharedpreferences = getSharedPreferences("GiftHouse", MODE_PRIVATE);
        bottomNavigationView = findViewById(R.id.bottom_nav);
        navigationView = findViewById(R.id.side_nav);
        drawer = findViewById(R.id.drawer_layout);
        viewPager = findViewById(R.id.view_pager);
        tvTitle = findViewById(R.id.tv_title);
        txt_totalQuan = findViewById(R.id.txt_totalQuan);
        txt_totalamount = findViewById(R.id.txt_totalamount);
        btn_Checkout = findViewById(R.id.btn_Checkout);

        findViewById(R.id.menu).setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                drawer.openDrawer(navigationView, true);
            }
        });

        findViewById(R.id.btn_ShopNow).setOnClickListener(new View.OnClickListener()
    {
```

```

    @Override
    public void onClick(View v) {
        bottomNavigationView.setSelectedItemId(R.id.home);
    }
});

database = new DBHelper(context);
rvProducts = findViewById(R.id.rv_products_home);
rv_my_orders = findViewById(R.id.rv_my_orders);

View header = navigationView.getHeaderView(0);
((TextView)
header.findViewById(R.id.tv_header_name)).setText(sharedPreferences.getString("user_
name", ""));
}

navigationView.setNavigationItemSelectedListener(new
NavigationView.OnNavigationItemSelectedListener() {
    @Override
    public boolean onNavigationItemSelected(@NonNull MenuItem item) {
        switch (item.getItemId()) {
            /*case R.id.nav_my_profile:
                break;*/
            case R.id.nav_aboutus:
                break;
            case R.id.nav_share:
                Intent sendIntent = new Intent();
                sendIntent.setAction(Intent.ACTION_SEND);
                sendIntent.putExtra(Intent.EXTRA_TEXT,
                    "Hey check out my app at:


```

```
layouts.add(R.id.rv_my_orders);
layouts.add(R.id.cart_layout);
homePagerAdapter = new HomePagerAdapter(context, layouts);
viewPager.setAdapter(homePagerAdapter);
viewPager.addOnPageChangeListener(new ViewPager.OnPageChangeListener() {
    @Override
    public void onPageScrolled(int position, float positionOffset, int
positionOffsetPixels) {

    }

    @SuppressLint("SetTextI18n")
    @Override
    public void onPageSelected(int position) {
        switch (position) {
            case 0:
                bottomNavigationView.setSelectedItemId(R.id.home);
                break;
            case 1:
                bottomNavigationView.setSelectedItemId(R.id.my_orders);
                break;
            case 2:
                bottomNavigationView.setSelectedItemId(R.id.cart);
                break;
        }
    }

    @Override
    public void onPageScrollStateChanged(int state) {
    }
});

bottomNavigationView.setOnNavigationItemSelectedListener(new
BottomNavigationView.OnNavigationItemSelectedListener() {
    @SuppressLint({"SetTextI18n", "NonConstantResourceId"})
    @Override
    public boolean onNavigationItemSelected(@NonNull MenuItem item) {
        switch (item.getItemId()) {
            case R.id.home:
                viewPager.setCurrentItem(0, true);
                tvTitle.setText("Gifts");
                setProductsData();
                break;
            case R.id.my_orders:
                viewPager.setCurrentItem(1, true);
                tvTitle.setText("My Orders");
                setMyOrdersData();
                break;
            case R.id.cart:
                viewPager.setCurrentItem(2, true);
                tvTitle.setText("Cart");
                setCartData();
                break;
        }
    }
});
```

```

        }
        homePagerAdapter.notifyDataSetChanged();
        return true;
    }
});

recyclerCart = findViewById(R.id.recyclerCart);
noCartData = findViewById(R.id.noData);
viewCartItems = findViewById(R.id.viewCartItems);

btn_Checkout.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        startActivityForResult((new Intent(context,
CheckoutActivity.class)).putExtra("cart", order), 222);
    }
});

}

@Override
protected void onResume() {
    super.onResume();
    setProductsData();
    setCartData();
    setMyOrdersData();
}

private void setProductsData() {
    products = new ArrayList<>();
    products.addAll(database.getAllProducts());
    productsAdapter = new ProductsAdapter(context, products,
R.layout.row_layout_product, false);
    rvProducts.setLayoutManager(new LinearLayoutManager(context));
//    rvProducts.addItemDecoration(new
DividerItemDecoration(context, DividerItemDecoration.VERTICAL));
    rvProducts.setAdapter(productsAdapter);
}

private void setMyOrdersData() {
    myOrders = new ArrayList<>();
    try {
        ArrayList<Order> orders =
database.getOrders(sharedPreferences.getString("user_phone", ""));
        for (Order order : orders) {
            myOrders.add(0, order);
        }
    } catch (Exception e) {
        e.printStackTrace();
    }
    myOrdersAdapter = new OrdersAdapter(context, myOrders);
    rv_my_orders.setLayoutManager(new LinearLayoutManager(context));
    rv_my_orders.addItemDecoration(new DividerItemDecoration(context,
DividerItemDecoration.VERTICAL));
}

```

```

        rv_my_orders.setAdapter(myOrdersAdapter);
    }

    @SuppressLint("SetTextI18n")
    private void setCartData() {
        cartProducts = new ArrayList<>();
        try {
            order = database.getCart(sharedPreferences.getString("user_phone",
""").get(0);
            cartProducts.addAll(getProducts(order.getProducts()));
            if (cartProducts.size() > 0) {
                noCartData.setVisibility(View.GONE);
                viewCartItems.setVisibility(View.VISIBLE);
            } else {
                viewCartItems.setVisibility(View.GONE);
                noCartData.setVisibility(View.VISIBLE);
            }
            cartAdapter = new ProductsAdapter(context, cartProducts,
R.layout.row_layout_product, true);
            recyclerCart.setLayoutManager(new LinearLayoutManager(context));
//            rvProducts.addItemDecoration(new
DividerItemDecoration(context, DividerItemDecoration.VERTICAL));
            recyclerCart.setAdapter(cartAdapter);
            txt_totalQuan.setText("Items: " + cartProducts.size());
            txt_totalamount.setText("Amount: ₹" + order.getAmount());
        } catch (Exception e) {
            e.printStackTrace();
            viewCartItems.setVisibility(View.GONE);
            noCartData.setVisibility(View.VISIBLE);
        }
    }

    private ArrayList<Product> getProducts(String products_) {
        ArrayList<Product> products = new ArrayList<>();
        try {
            Gson gson = new Gson();
            Type listType = new TypeToken<ArrayList<Product>>() {
            }.getType();
            products.addAll(gson.fromJson(products_, listType));
        } catch (Exception e) {
            e.printStackTrace();
        }
        return products;
    }

    @Override
    protected void onActivityResult(int requestCode, int resultCode, @Nullable Intent
data) {
        super.onActivityResult(requestCode, resultCode, data);
        if (requestCode == 222 && resultCode == 222) {
            bottomNavigationView.setSelectedItemId(R.id.my_orders);
        }
    }
}

```

row_layout_product.xml



```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout 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="wrap_content"
    android:background="@color/white"
    android:orientation="vertical">

    <androidx.cardview.widget.CardView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_margin="7dp"
        app:cardBackgroundColor="@color/white"
        app:cardCornerRadius="4dp">

        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:background="@drawable/rounded_shape"
            android:orientation="vertical">

            <TextView
                android:id="@+id/txt_close"
                android:layout_width="20dp"
                android:layout_height="20dp"
                android:layout_gravity="end"
                android:layout_margin="8dp"
                android:visibility="gone"
                app:drawableStartCompat="@drawable/ic_close"
                app:drawableTint="@color/colorPrimaryDark"
                app:layout_constraintStart_toStartOf="parent"
                app:layout_constraintTop_toTopOf="parent" />

            <LinearLayout
                android:layout_width="match_parent"
                android:layout_height="match_parent"
                android:orientation="horizontal">

                <ImageView
                    android:id="@+id/prodImage"
                    android:layout_width="100dp"
                    android:layout_height="match_parent"
                    android:layout_gravity="center"
                    android:layout_marginStart="10dp"
                    android:layout_marginTop="10dp"
```

```
        android:layout_marginEnd="2dp"
        android:layout_marginBottom="10dp"
        android:scaleType="centerCrop"
        android:src="@mipmap/ic_launcher"
        tools:ignore="ContentDescription" />

<LinearLayout
    android:layout_width="0dp"
    android:layout_height="wrap_content"
    android:layout_marginStart="8dp"
    android:layout_marginTop="10dp"
    android:layout_marginEnd="10dp"
    android:layout_marginBottom="10dp"
    android:layout_weight="1"
    android:gravity="center_vertical"
    android:orientation="vertical">

    <TextView
        android:id="@+id/tv_name"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:fontFamily="@font/opensans_semiBold"
        android:text="Product Name"
        android:textColor="@color/black"
        android:textSize="15sp"
        tools:ignore="HardcodedText" />

    <TextView
        android:id="@+id/tv_category"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:fontFamily="@font/opensans_semiBold"
        android:text="Category Name"
        android:textColor="@color/darkGrey"
        android:textSize="12sp"
        tools:ignore="HardcodedText" />

    <TextView
        android:id="@+id/tv_description"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginTop="2dp"
        android:fontFamily="@font/opensans_regular"
        android:text="Product Description"
        android:textColor="@color/hintColor"
        android:textSize="13sp"
        tools:ignore="HardcodedText" />

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginTop="7dp"
        android:layout_marginBottom="3dp"
```

```
        android:gravity="center"
        android:orientation="horizontal">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:fontFamily="@font/opensans_semiBold"
        android:text=" ₹"
        android:textColor="@color/darkGrey"
        android:textSize="15sp"
        tools:ignore="HardcodedText" />

    <TextView
        android:id="@+id/tv_price"
        android:layout_width="0dp"
        android:layout_height="wrap_content"
        android:layout_weight="1"
        android:ellipsize="end"
        android:fontFamily="@font/opensans_semiBold"
        android:maxLines="1"
        android:textColor="@color/darkGrey"
        android:textSize="15sp" />

    <androidx.constraintlayout.widget.ConstraintLayout
        android:layout_width="80dp"
        android:layout_height="wrap_content">

        <androidx.constraintlayout.widget.ConstraintLayout
            android:id="@+id/btn_add"
            android:layout_width="match_parent"
            android:layout_height="match_parent"
            android:background="@drawable/rounded_shape"
            android:backgroundTint="@color/colorPrimaryDark"
            android:gravity="center"
            android:orientation="horizontal">

            <TextView
                android:layout_width="match_parent"
                android:layout_height="match_parent"
                android:fontFamily="@font/opensans_semiBold"
                android:gravity="center"
                android:paddingStart="15dp"
                android:paddingTop="8dp"
                android:paddingEnd="15dp"
                android:paddingBottom="8dp"
                android:text="ADD"
                android:textColor="@color/white"
                android:textSize="12sp"
                tools:ignore="HardcodedText" />

        </androidx.constraintlayout.widget.ConstraintLayout>

        <androidx.constraintlayout.widget.ConstraintLayout
            android:id="@+id/btn_remove"
            android:layout_width="0dp"
            android:layout_height="wrap_content"
            android:layout_weight="1"
            android:background="@drawable/rounded_shape"
            android:backgroundTint="@color/colorPrimaryDark"
            android:gravity="center"
            android:padding="16dp"
            android:paddingStart="16dp"
            android:paddingEnd="16dp"
            android:paddingBottom="16dp"
            android:paddingTop="16dp"
            android:text="Remove"
            android:textColor="@color/white"
            android:textSize="12sp" />

    </androidx.constraintlayout.widget.ConstraintLayout>
```

```
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:background="@drawable/rounded_shape"
        android:gravity="center"
        android:orientation="horizontal"
        android:visibility="gone">

    <TextView
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:fontFamily="@font/opensans_semiBold"
        android:gravity="center"
        android:paddingStart="15dp"
        android:paddingTop="8dp"
        android:paddingEnd="15dp"
        android:paddingBottom="8dp"
        android:text="REMOVE"
        android:textColor="@color/colorPrimaryDark"
        android:textSize="12sp"
        tools:ignore="HardcodedText" />

    </androidx.constraintlayout.widget.ConstraintLayout>

</androidx.constraintlayout.widget.ConstraintLayout>

</LinearLayout>

</LinearLayout>
</LinearLayout>

</androidx.cardview.widget.CardView>

</LinearLayout>
```

activity_order_details.xml



```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout 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:layout_marginTop="16dp"
    android:orientation="vertical"
    android:padding="8dp"
    tools:context=".OrderDetailsActivity">

    <View
        android:layout_width="match_parent"
        android:layout_height="1dp"
        android:background="@color/very_lightGrey" />

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal">

        <TextView
            android:id="@+id/tv_order_id"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_weight="1"
            android:padding="6dp"
            android:text="Order ID: 8w82649735"
            android:textColor="@color/black" />

        <TextView
            android:id="@+id/tv_phone"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:padding="6dp"
            android:text="271367812638"
            android:textColor="@color/black" />
    
```

```
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_weight="1"
        android:drawablePadding="6dp"
        android:drawableTint="@color/colorPrimaryDark"
        android:gravity="center_vertical"
        android:padding="6dp"
        android:text="271367812638"
        android:textColor="@color/black"
        app:drawableStartCompat="@drawable/ic_phone" />
    </LinearLayout>

    <View
        android:layout_width="match_parent"
        android:layout_height="1dp"
        android:background="@color/very_lightGrey" />

    <TextView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginTop="10dp"
        android:text="Address"
        android:textColor="@color/black" />

    <TextView
        android:id="@+id/tv_del_address"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:padding="6dp"
        android:text="ub sk93749 asjdaiosdu903 a0s8d sad09 8w82649735" />

    <View
        android:layout_width="match_parent"
        android:layout_height="1dp"
        android:background="@color/very_lightGrey" />

    <TextView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginTop="10dp"
        android:text="Products"
        android:textColor="@color/black" />

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:background="@color/very_lightGrey"
        android:orientation="horizontal"
        android:padding="10dp">

        <TextView
            android:id="@+id/tv_name"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
```

```
        android:layout_weight="1"
        android:gravity="center"
        android:paddingStart="4dp"
        android:paddingEnd="4dp"
        android:text="Name"
        android:textColor="@color/black"
        tools:ignore="HardcodedText" />

    <TextView
        android:id="@+id/tv_category"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_weight="1"
        android:gravity="center"
        android:paddingStart="4dp"
        android:paddingEnd="4dp"
        android:text="Category"
        android:textColor="@color/black"
        tools:ignore="HardcodedText" />

    <TextView
        android:id="@+id/tv_description"
        android:layout_width="180dp"
        android:layout_height="wrap_content"
        android:gravity="center"
        android:paddingStart="4dp"
        android:paddingEnd="4dp"
        android:text="Description"
        android:textColor="@color/black"
        tools:ignore="HardcodedText" />

    <TextView
        android:id="@+id/tv_price"
        android:layout_width="60dp"
        android:layout_height="wrap_content"
        android:gravity="center"
        android:paddingStart="4dp"
        android:paddingEnd="4dp"
        android:text="Price (₹) "
        android:textColor="@color/black"
        tools:ignore="HardcodedText" />
</LinearLayout>

<androidx.recyclerview.widget.RecyclerView
    android:id="@+id/rv_products_home"
    android:layout_width="match_parent"
    android:layout_height="0dp"
    android:layout_weight="1">

</androidx.recyclerview.widget.RecyclerView>

<TextView
    android:id="@+id/tv_total_amount"
    android:layout_width="match_parent"
```

```
    android:layout_height="wrap_content"
    android:padding="15dp"
    android:text="Total Amount: ₹821682163"
    android:textColor="@color/black"
    android:textSize="16sp" />

</LinearLayout>
```

OrderDetailsActivity.java

```
package com.gift.house;

import android.annotation.SuppressLint;
import android.os.Bundle;
import android.widget.TextView;

import androidx.appcompat.app.AppCompatActivity;
import androidx.recyclerview.widget.DividerItemDecoration;
import androidx.recyclerview.widget.LinearLayoutManager;
import androidx.recyclerview.widget.RecyclerView;

import com.gift.house.adapters.ProductsAdapter;
import com.gift.house.models.Order;
import com.gift.house.models.Product;
import com.google.gson.Gson;
import com.google.gson.reflect.TypeToken;

import java.lang.reflect.Type;
import java.util.ArrayList;

public class OrderDetailsActivity extends AppCompatActivity {

    private Order order;
    private TextView tv_order_id, tv_phone, tv_del_address, tv_total_amount;
    private RecyclerView rv_products;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_order_details);
        tv_order_id = findViewById(R.id.tv_order_id);
        tv_phone = findViewById(R.id.tv_phone);
        tv_del_address = findViewById(R.id.tv_del_address);
        rv_products = findViewById(R.id.rv_products_home);
        tv_total_amount = findViewById(R.id.tv_total_amount);
        //        rv_products = findViewById(R.id.rv_categories);
    }

    Bundle bundle = getIntent().getExtras();
    if (bundle != null) {
        order = (Order) bundle.getSerializable("order");
        setData();
    }
}
```

```

@SuppressLint("SetTextI18n")
private void setData() {
    tv_order_id.setText("Order ID: " + order.getOrder_number());
    tv_phone.setText(order.getUser_phone());
    tv_del_address.setText(order.getDelAddress());
    tv_total_amount.setText("Total Amount: ₹" + order.getAmount());

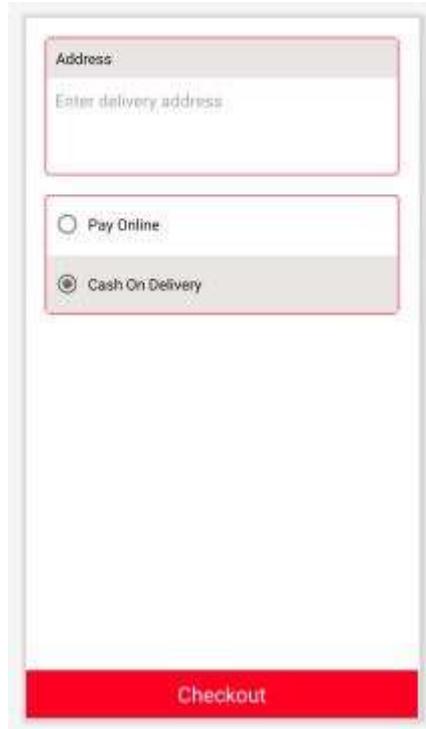
    ArrayList<Product> products = new ArrayList<>();

    try {
        Gson gson = new Gson();
        Type listType = new TypeToken<ArrayList<Product>>() {
            .getType();
        };
        products.addAll(gson.fromJson(order.getProducts(), listType));
    } catch (Exception e) {
        e.printStackTrace();
    }

    ProductsAdapter productsAdapter = new ProductsAdapter(this, products, true);
    rv_products.setLayoutManager(new LinearLayoutManager(this));
    rv_products.addItemDecoration(new DividerItemDecoration(this,
DividerItemDecoration.VERTICAL));
    rv_products.setAdapter(productsAdapter);
}
}

```

activity_checkout.xml



```

<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    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/white"
tools:context=".CheckoutActivity">

<LinearLayout
    android:id="@+id/address_layout"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_margin="20dp"
    android:background="@drawable/rounded_shape"
    android:orientation="vertical"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent">

    <TextView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_margin="1dp"
        android:background="@color/very_lightGrey"
        android:padding="10dp"
        android:text="Address"
        android:textColor="@color/black"
        android:textSize="16sp"
        tools:ignore="HardcodedText" />

    <EditText
        android:id="@+id/address"
        android:layout_width="match_parent"
        android:layout_height="100dp"
        android:background="@android:color/transparent"
        android:gravity="start"
        android:hint="Enter delivery address"
        android:inputType="textMultiLine"
        android:padding="10dp"
        android:textColor="@color/black"
        android:textSize="18sp"
        tools:ignore="HardcodedText" />
</LinearLayout>

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_margin="20dp"
    android:background="@drawable/rounded_shape"
    android:orientation="vertical"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/address_layout">

    <TextView
        android:layout_width="match_parent"
```

```

        android:layout_height="60dp"
        android:layout_margin="1dp"
        android:drawablePadding="10dp"
        android:gravity="center_vertical"
        android:padding="10dp"
        android:text="Pay Online"
        android:textColor="@color/black"
        android:textSize="16sp"
        app:drawableStartCompat="@drawable/ic_radio_button_unchecked"
        tools:ignore="HardcodedText" />

    <TextView
        android:layout_width="match_parent"
        android:layout_height="60dp"
        android:layout_margin="1dp"
        android:background="@color/very_lightGrey"
        android:drawablePadding="10dp"
        android:gravity="center_vertical"
        android:padding="10dp"
        android:text="Cash On Delivery"
        android:textColor="@color/black"
        android:textSize="16sp"
        app:drawableStartCompat="@drawable/ic_radio_checked"
        tools:ignore="HardcodedText" />
    </LinearLayout>

    <TextView
        android:id="@+id/checkout"
        android:layout_width="match_parent"
        android:layout_height="50dp"
        android:background="@color/colorPrimaryDark"
        android:gravity="center"
        android:text="Checkout"
        android:textColor="@color/white"
        android:textSize="22sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        tools:ignore="HardcodedText" />

</androidx.constraintlayout.widget.ConstraintLayout>

```

CheckoutActivity.java

```

package com.gift.house;

import android.content.DialogInterface;
import android.os.Bundle;
import android.view.View;
import android.widget.TextView;
import android.widget.Toast;

import androidx.appcompat.app.AlertDialog;
import androidx.appcompat.app.AppCompatActivity;

```

```
import com.gift.house.models.Order;

public class CheckoutActivity extends AppCompatActivity {

    private TextView address;
    private Order order;
    private DBHelper database;

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

        address = findViewById(R.id.address);

        order = (Order) getIntent().getSerializableExtra("cart");
        database = new DBHelper(this);

        AlertDialog.Builder builder = new AlertDialog.Builder(this);
        builder.setTitle("Order placed");
        builder.setMessage("Your order has been placed successfully");
        builder.setPositiveButton("OK", new DialogInterface.OnClickListener() {
            @Override
            public void onClick(DialogInterface dialog, int which) {
                finish();
            }
        });
        builder.setNegativeButton("View order", new DialogInterface.OnClickListener()
        {
            @Override
            public void onClick(DialogInterface dialog, int which) {
                setResult(222);
                finish();
            }
        });
        AlertDialog alertDialog = builder.create();

        findViewById(R.id.checkout).setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                if (address.getText().toString().trim().isEmpty()) {
                    Toast.makeText(CheckoutActivity.this, "Please enter delivery address", Toast.LENGTH_LONG).show();
                } else {
                    order.setDelAddress(address.getText().toString().trim());
                    if (database.insertOrder(order) && database.deleteAllCart()) {
                        alertDialog.show();
                    }
                }
            }
        });
    }
}
```