**This is User App:**

**this is the main application structure code:**

*<?***xml version="1.0" encoding="utf-8"***?>*<**manifest xmlns:android="http://schemas.android.com/apk/res/android"  
 package="com.codewithsk.barber"**>  
  
 <**uses-permission android:name="android.permission.INTERNET"** />  
 <**uses-permission android:name="android.permission.ACCESS\_NETWORK\_STATE"** />  
  
 <**application  
 android:allowBackup="true"  
 android:icon="@mipmap/ic\_launcher"  
 android:label="@string/app\_name"  
 android:roundIcon="@mipmap/ic\_launcher\_round"  
 android:supportsRtl="true"  
 android:theme="@style/Theme.Barber"**>  
 <**activity android:name=".SecondOtpActivity"**></**activity**>  
 <**activity android:name=".CategoryDatailsActivity"** />  
 <**activity android:name=".OtpActivity"** />  
 <**activity android:name=".RegistrationActivity"** />  
 <**activity android:name=".LoginActivity"** />  
 <**activity android:name=".HomeActivity"** />  
 <**activity android:name=".SplashScreenActivity"**>  
 <**intent-filter**>  
 <**action android:name="android.intent.action.MAIN"** />  
  
 <**category android:name="android.intent.category.LAUNCHER"** />  
 </**intent-filter**>  
 </**activity**>  
 <**service android:name=".NotificationService"**>  
 <**intent-filter**>  
 <**action android:name="com.google.firebase.MESSAGING\_EVENT"** />  
 </**intent-filter**>  
 </**service**>  
 <**meta-data  
 android:name="preloaded\_fonts"  
 android:resource="@array/preloaded\_fonts"** />  
 </**application**>  
</**manifest**>

**this is intro screen code:**

*<?***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/splashback"  
 tools:context=".SplashScreenActivity"**>  
  
 <**ImageView  
 android:id="@+id/imgLogo"  
 android:layout\_width="178dp"  
 android:layout\_height="155dp"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="150dp"  
 android:src="@drawable/logotype"** />  
  
 <**TextView  
 android:id="@+id/shopeName"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/imgLogo"  
 android:layout\_marginTop="42dp"  
 android:gravity="center"  
 android:text="The Look"  
 android:textAllCaps="true"  
 android:textColor="@color/black"  
 android:textSize="20dp"  
 android:textStyle="bold"  
 android:typeface="serif"** />  
  
 <**ProgressBar  
 android:id="@+id/progressBar"  
 style="?android:attr/progressBarStyle"  
 android:layout\_width="89dp"  
 android:layout\_height="77dp"  
 android:layout\_below="@+id/shopeName"  
 android:layout\_alignParentStart="true"  
 android:layout\_alignParentLeft="true"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentRight="true"  
 android:layout\_alignParentBottom="true"  
 android:layout\_marginStart="159dp"  
 android:layout\_marginLeft="159dp"  
 android:layout\_marginTop="143dp"  
 android:layout\_marginEnd="163dp"  
 android:layout\_marginRight="163dp"  
 android:layout\_marginBottom="229dp"** />  
  
</**RelativeLayout**>

**package** com.codewithsk.barber;  
  
**import** androidx.annotation.RequiresApi;  
**import** androidx.appcompat.app.AlertDialog;  
**import** androidx.appcompat.app.AppCompatActivity;  
  
**import** android.content.Context;  
**import** android.content.DialogInterface;  
**import** android.content.Intent;  
**import** android.net.ConnectivityManager;  
**import** android.net.NetworkInfo;  
**import** android.os.Build;  
**import** android.os.Bundle;  
**import** android.os.Handler;  
**import** android.provider.Settings;  
  
**public class** SplashScreenActivity **extends** AppCompatActivity {  
  
 @RequiresApi(api = Build.VERSION\_CODES.***LOLLIPOP***)  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
 SystemChanges.*stustusbarColor*(**this**);  
  
 **if** (!isInternetConnected(**this**))  
 {  
 showCustemDialog();  
 }  
 **else** {  
 **new** Handler().postDelayed(**new** Runnable() {  
 @Override  
 **public void** run() {  
 startActivity(**new** Intent(SplashScreenActivity.**this**,LoginActivity.**class**));  
 finish();  
 }  
 },3000);  
 }  
 }  
 **private boolean** isInternetConnected(SplashScreenActivity splashScreenActivity) {  
 ConnectivityManager connectivityManager = (ConnectivityManager) splashScreenActivity.getSystemService(Context.***CONNECTIVITY\_SERVICE***);  
 NetworkInfo wifiConn = connectivityManager.getNetworkInfo(ConnectivityManager.***TYPE\_WIFI***);  
 NetworkInfo mobileConn = connectivityManager.getNetworkInfo(ConnectivityManager.***TYPE\_MOBILE***);  
 **if** ((wifiConn != **null** && wifiConn.isConnected()) || (mobileConn != **null** && mobileConn.isConnected())){  
 **return true**;  
 }**else** {  
 **return false**;  
 }  
 }  
 **private void** showCustemDialog() {  
 AlertDialog.Builder builder = **new** AlertDialog.Builder(SplashScreenActivity.**this**);  
 builder.setMessage(**"Please Connect Your Internet and try again!!!"**)  
 .setCancelable(**false**).setNegativeButton(**"Exit"**, **new** DialogInterface.OnClickListener() {  
 @Override  
 **public void** onClick(DialogInterface dialog, **int** which) {  
 finish();  
 System.*exit*(0);  
 }  
 });  
 AlertDialog dialog = builder.create();  
 dialog.show();  
 }  
}

**This is Login Screen code:**

*<?***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:background="@color/splashback"  
 android:layout\_height="match\_parent"  
 android:padding="8dp"  
 tools:context=".LoginActivity"**>  
 <**ImageView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:src="@drawable/logotype"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="200dp"  
 android:id="@+id/logotype"**/>  
 <**com.google.android.material.textfield.TextInputLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 style="@style/Widget.MaterialComponents.TextInputLayout.OutlinedBox.Dense"  
 android:hint="Mobile No"  
 android:layout\_below="@id/logotype"  
 android:id="@+id/layout1"**>  
 <**com.google.android.material.textfield.TextInputEditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/editMbNo"  
 android:maxLength="10"  
 android:inputType="number"**/>  
 </**com.google.android.material.textfield.TextInputLayout**>  
 <**Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:ems="10"  
 android:id="@+id/btnNextLogin"  
 android:layout\_marginTop="8dp"  
 android:text="Login"  
 android:layout\_centerHorizontal="true"  
 android:layout\_below="@+id/layout1"**/>  
 <**View  
 android:layout\_width="match\_parent"  
 android:layout\_height="3dp"  
 android:background="#000"  
 android:layout\_marginTop="10dp"  
 android:id="@+id/v1"  
 android:layout\_below="@+id/btnNextLogin"** />  
 <**TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:gravity="center"  
 android:layout\_marginTop="5dp"  
 android:text="New User Registration Here?"  
 android:id="@+id/goToRegistration"  
 android:layout\_below="@id/v1"**/>  
 <**View  
 android:layout\_width="match\_parent"  
 android:layout\_height="2dp"  
 android:layout\_marginTop="10dp"  
 android:background="#000"  
 android:id="@+id/v2"  
 android:layout\_below="@+id/goToRegistration"** />  
  
 <**TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Skip Steps"  
 android:layout\_marginTop="5dp"  
 android:gravity="center"  
 android:id="@+id/goToSkip"  
 android:layout\_below="@id/v2"**/>  
  
 <**View  
 android:layout\_width="match\_parent"  
 android:layout\_height="3dp"  
 android:layout\_marginTop="10dp"  
 android:background="#000"  
 android:id="@+id/v3"  
 android:layout\_below="@+id/goToSkip"** />  
  
  
</**RelativeLayout**>

**package** com.codewithsk.barber;  
  
**import** androidx.annotation.NonNull;  
**import** androidx.annotation.RequiresApi;  
**import** androidx.appcompat.app.AppCompatActivity;  
  
**import** android.content.Context;  
**import** android.content.Intent;  
**import** android.content.SharedPreferences;  
**import** android.os.Build;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.Toast;  
  
**import** com.codewithsk.barber.databinding.ActivityLoginBinding;  
**import** com.google.firebase.auth.FirebaseAuth;  
**import** com.google.firebase.auth.FirebaseUser;  
**import** com.google.firebase.database.DataSnapshot;  
**import** com.google.firebase.database.DatabaseError;  
**import** com.google.firebase.database.DatabaseReference;  
**import** com.google.firebase.database.FirebaseDatabase;  
**import** com.google.firebase.database.ValueEventListener;  
  
**import static** com.codewithsk.barber.SessonManger.*SAGAR*;  
**import static** com.codewithsk.barber.SessonManger.*SESSON\_NAME*;  
  
  
**public class** LoginActivity **extends** AppCompatActivity {  
 ActivityLoginBinding **binding**;  
  
 @RequiresApi(api = Build.VERSION\_CODES.***LOLLIPOP***)  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 **binding** = ActivityLoginBinding.*inflate*(getLayoutInflater());  
 setContentView(**binding**.getRoot());  
  
 **binding**.**btnNextLogin**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 String number = **binding**.**editMbNo**.getText().toString().trim();  
 **if** (number.isEmpty()){  
 Toast.*makeText*(LoginActivity.**this**, **"Enter Mobile No"**, Toast.***LENGTH\_SHORT***).show();  
 **return**;  
 }**else** {  
 Intent intent = **new** Intent(LoginActivity.**this**, SecondOtpActivity.**class**);  
 intent.putExtra(**"MobileNo"**, number);  
 startActivity(intent);  
 }  
 }  
 });  
 SystemChanges.*stustusbarColor*(**this**);  
  
 **binding**.**goToRegistration**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 startActivity(**new** Intent(LoginActivity.**this**,RegistrationActivity.**class**));  
 finish();  
 }  
 });  
 **binding**.**goToSkip**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 SessonManger.*startSesson*(LoginActivity.**this**,*SAGAR*);  
 startActivity(**new** Intent(LoginActivity.**this**,HomeActivity.**class**));  
 finish();  
 }  
 });  
 }  
 @Override  
 **protected void** onStart() {  
 **super**.onStart();  
 FirebaseUser user = FirebaseAuth.*getInstance*().getCurrentUser();  
 SharedPreferences sharedPreferences = getSharedPreferences(*SESSON\_NAME*, Context.***MODE\_PRIVATE***);  
 String checkValue = sharedPreferences.getString(**"START"**,**null**);  
 **if** (checkValue != **null** || user != **null**){  
 startActivity(**new** Intent(LoginActivity.**this**,HomeActivity.**class**));  
 finish();  
 }  
 }  
}

**This is Registration screen code:**

*<?***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:background="@color/splashback"  
 android:padding="10dp"  
 android:layout\_height="match\_parent"  
 tools:context=".RegistrationActivity"**>  
 <**ImageView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:src="@drawable/logotype"  
 android:layout\_marginTop="100dp"  
 android:layout\_centerHorizontal="true"  
 android:id="@+id/logotype1"**/>  
 <**com.google.android.material.textfield.TextInputLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerInParent="true"  
 android:layout\_marginTop="20dp"  
 android:layout\_below="@id/logotype1"  
 style="@style/Widget.MaterialComponents.TextInputLayout.OutlinedBox.Dense"  
 android:hint="Full Name"  
 android:id="@+id/reg\_layout1"**>  
 <**com.google.android.material.textfield.TextInputEditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:inputType="text"  
 android:id="@+id/regname"**/>  
 </**com.google.android.material.textfield.TextInputLayout**>  
 <**com.google.android.material.textfield.TextInputLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 style="@style/Widget.MaterialComponents.TextInputLayout.OutlinedBox.Dense"  
 android:hint="Mobile No"  
 android:layout\_below="@id/reg\_layout1"  
 android:id="@+id/reg\_layout2"**>  
 <**com.google.android.material.textfield.TextInputEditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/regnumber"  
 android:maxLength="10"  
 android:inputType="number"**/>  
 </**com.google.android.material.textfield.TextInputLayout**>  
 <**com.google.android.material.textfield.TextInputLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 style="@style/Widget.MaterialComponents.TextInputLayout.OutlinedBox.Dense"  
 android:hint="Age"  
 android:layout\_below="@id/reg\_layout2"  
 android:id="@+id/reg\_layout3"**>  
 <**com.google.android.material.textfield.TextInputEditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/regage"  
 android:maxLength="3"  
 android:inputType="number"**/>  
 </**com.google.android.material.textfield.TextInputLayout**>  
 <**com.google.android.material.textfield.TextInputLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 style="@style/Widget.MaterialComponents.TextInputLayout.OutlinedBox.Dense"  
 android:hint="Pin Code Or Area Code"  
 android:layout\_below="@id/reg\_layout3"  
 android:id="@+id/reg\_layout4"**>  
 <**com.google.android.material.textfield.TextInputEditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/regpincode"  
 android:maxLength="10"  
 android:inputType="number"**/>  
 </**com.google.android.material.textfield.TextInputLayout**>  
 <**LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/reg\_layout4"  
 android:gravity="center"  
 android:id="@+id/layout5"  
 android:weightSum="1"  
 android:orientation="horizontal"**>  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:textStyle="bold"  
 android:textColor="#000"  
 android:text="Select Gender: "**/>  
 <**RadioGroup  
 android:id="@+id/radioSex"  
 android:layout\_weight=".5"  
 android:orientation="horizontal"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"** >  
  
 <**RadioButton  
 android:id="@+id/radioMale"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="male"  
 android:checked="true"** />  
  
 <**RadioButton  
 android:id="@+id/radioFemale"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="female"** />  
  
 </**RadioGroup**>  
 </**LinearLayout**>  
 <**Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:ems="10"  
 android:text="Register"  
 android:id="@+id/btnUserRegister"  
 android:layout\_below="@+id/layout5"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="8dp"**/>  
</**RelativeLayout**>

**package** com.codewithsk.barber;  
  
**import** androidx.annotation.NonNull;  
**import** androidx.annotation.RequiresApi;  
**import** androidx.appcompat.app.AppCompatActivity;  
  
**import** android.content.Intent;  
**import** android.content.SharedPreferences;  
**import** android.os.Build;  
**import** android.os.Bundle;  
**import** android.text.TextUtils;  
**import** android.util.Log;  
**import** android.view.View;  
**import** android.widget.RadioButton;  
**import** android.widget.Toast;  
  
**import** com.codewithsk.barber.databinding.ActivityRegistrationBinding;  
**import** com.google.android.gms.tasks.OnCompleteListener;  
**import** com.google.android.gms.tasks.Task;  
**import** com.google.firebase.auth.FirebaseAuth;  
**import** com.google.firebase.auth.FirebaseUser;  
**import** com.google.firebase.database.DataSnapshot;  
**import** com.google.firebase.database.DatabaseError;  
**import** com.google.firebase.database.DatabaseReference;  
**import** com.google.firebase.database.FirebaseDatabase;  
**import** com.google.firebase.database.Query;  
**import** com.google.firebase.database.ValueEventListener;  
  
**public class** RegistrationActivity **extends** AppCompatActivity {  
 ActivityRegistrationBinding **binding**;  
  
 @RequiresApi(api = Build.VERSION\_CODES.***LOLLIPOP***)  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 **binding** = ActivityRegistrationBinding.*inflate*(getLayoutInflater());  
 setContentView(**binding**.getRoot());  
 SystemChanges.*stustusbarColor*(**this**);  
 **binding**.**btnUserRegister**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 register();  
 }  
 });  
  
  
 }  
 **public void** register(){  
 String name = **binding**.**regname**.getText().toString().trim();  
 String mobile\_no = **binding**.**regnumber**.getText().toString().trim();  
 String age = **binding**.**regage**.getText().toString().trim();  
 String pincode = **binding**.**regpincode**.getText().toString().trim();  
 String gender = **""**;  
 **if** (name.isEmpty() || mobile\_no.isEmpty() || age.isEmpty() || pincode.isEmpty()){  
 Toast.*makeText*(**this**, **"Some Feilds are empty!! please feel all deatails!"**, Toast.***LENGTH\_LONG***).show();  
 **return**;  
 }**else**{  
 **if** (**binding**.**radioMale**.isChecked()){  
 gender = **"Male"**;  
 }  
 **if** (**binding**.**radioFemale**.isChecked()){  
 gender = **"Female"**;  
 }  
 Intent i = **new** Intent(RegistrationActivity.**this**,OtpActivity.**class**);  
 i.putExtra(**"name"**,name);  
 i.putExtra(**"phone"**,mobile\_no);  
 i.putExtra(**"age"**,age);  
 i.putExtra(**"pincode"**,pincode);  
 i.putExtra(**"gender"**,gender);  
 startActivity(i);  
 }  
 }  
}

**This is OTP screen code:**

*<?***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:background="@color/splashback"  
 android:layout\_height="match\_parent"  
 tools:context=".OtpActivity"**>  
 <**include layout="@layout/loading"  
 android:visibility="gone"  
 android:id="@+id/otpLoadingLayout"**/>  
 <**ImageView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:src="@drawable/logotype"  
 android:layout\_marginTop="100dp"  
 android:layout\_centerHorizontal="true"  
 android:id="@+id/logotype2"**/>  
 <**EditText  
 android:id="@+id/otp\_view"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_margin="10dp"  
 android:hint="Enter OTP"  
 android:gravity="center"  
 android:maxLength="6"  
 android:layout\_marginTop="20dp"  
 android:layout\_below="@+id/logotype2"  
 android:layout\_centerHorizontal="true"** />  
 <**Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="finish"  
 android:id="@+id/btnFinish"  
 android:layout\_below="@+id/otp\_view"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="10dp"**/>  
  
</**RelativeLayout**>

**package** com.codewithsk.barber;  
  
**import** androidx.annotation.NonNull;  
**import** androidx.annotation.RequiresApi;  
**import** androidx.appcompat.app.AppCompatActivity;  
  
**import** android.content.Intent;  
**import** android.os.Build;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.Toast;  
  
**import** com.codewithsk.barber.databinding.ActivitySecondOtpBinding;  
**import** com.google.android.gms.tasks.OnCompleteListener;  
**import** com.google.android.gms.tasks.Task;  
**import** com.google.firebase.FirebaseException;  
**import** com.google.firebase.auth.AuthResult;  
**import** com.google.firebase.auth.FirebaseAuth;  
**import** com.google.firebase.auth.PhoneAuthCredential;  
**import** com.google.firebase.auth.PhoneAuthOptions;  
**import** com.google.firebase.auth.PhoneAuthProvider;  
**import** com.google.firebase.database.DataSnapshot;  
**import** com.google.firebase.database.DatabaseError;  
**import** com.google.firebase.database.DatabaseReference;  
**import** com.google.firebase.database.FirebaseDatabase;  
**import** com.google.firebase.database.ValueEventListener;  
  
**import** java.util.concurrent.TimeUnit;  
  
**import static** com.codewithsk.barber.SessonManger.*FIREBASE\_USER*;  
  
**public class** SecondOtpActivity **extends** AppCompatActivity {  
 **private** ActivitySecondOtpBinding **binding**;  
 **private** String **verificationId**;  
 **private** FirebaseAuth **mAuth**;  
 @RequiresApi(api = Build.VERSION\_CODES.***LOLLIPOP***)  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 **binding** = ActivitySecondOtpBinding.*inflate*(getLayoutInflater());  
 setContentView(**binding**.getRoot());  
 String phone = getIntent().getStringExtra(**"MobileNo"**);  
 SystemChanges.*stustusbarColor*(**this**);  
 **mAuth** = FirebaseAuth.*getInstance*();  
 PhoneAuthOptions options =  
 PhoneAuthOptions.*newBuilder*(**mAuth**)  
 .setPhoneNumber(**"+91"**+ phone)  
 .setTimeout(60L, TimeUnit.***SECONDS***)  
 .setActivity(SecondOtpActivity.**this**)  
 .setCallbacks(**mCallback**)  
 .build();  
 PhoneAuthProvider.*verifyPhoneNumber*(options);  
 **binding**.**btnFinish1**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 **if** (**binding**.**otpView1**.getText().toString().isEmpty()){  
 Toast.*makeText*(SecondOtpActivity.**this**, **"Please Enter OTP"**, Toast.***LENGTH\_SHORT***).show();  
 **return**;  
 }**else** {  
 verifyCode(**binding**.**otpView1**.getText().toString());  
 }  
 }  
 });  
  
 }  
 PhoneAuthProvider.OnVerificationStateChangedCallbacks **mCallback** = **new** PhoneAuthProvider.OnVerificationStateChangedCallbacks() {  
 @Override  
 **public void** onVerificationCompleted(@NonNull PhoneAuthCredential phoneAuthCredential) {  
 String code = phoneAuthCredential.getSmsCode();  
 **if** (code != **null**){  
 **binding**.**otpView1**.setText(code);  
 verifyCode(code);  
 }  
 }  
  
 @Override  
 **public void** onVerificationFailed(@NonNull FirebaseException e) {  
 Toast.*makeText*(SecondOtpActivity.**this**, e.getMessage(), Toast.***LENGTH\_SHORT***).show();  
 }  
  
 @Override  
 **public void** onCodeSent(@NonNull String s, @NonNull PhoneAuthProvider.ForceResendingToken forceResendingToken) {  
 **super**.onCodeSent(s, forceResendingToken);  
 **verificationId** = s;  
 }  
 };  
 **private void** verifyCode(String code) {  
 PhoneAuthCredential credential = PhoneAuthProvider.*getCredential*(**verificationId**, code);  
 signInWithPhoneAuthCredential(credential);  
 **binding**.**laodingLayouts**.**laodingLayout**.setVisibility(View.***VISIBLE***);  
 }  
 **private void** signInWithPhoneAuthCredential(PhoneAuthCredential credential) {  
 **mAuth**.signInWithCredential(credential)  
 .addOnCompleteListener(**this**, **new** OnCompleteListener<AuthResult>() {  
 @Override  
 **public void** onComplete(@NonNull Task<AuthResult> task) {  
  
 **if** (task.isSuccessful()) {  
 **binding**.**laodingLayouts**.**laodingLayout**.setVisibility(View.***GONE***);  
 DatabaseReference databaseReference = FirebaseDatabase.*getInstance*().getReference(**"Users"**)  
 .child(**mAuth**.getCurrentUser().getUid());  
 ValueEventListener listener = **new** ValueEventListener() {  
 @Override  
 **public void** onDataChange(@NonNull DataSnapshot snapshot) {  
 **if** (snapshot.exists()){  
 **binding**.**laodingLayouts**.**laodingLayout**.setVisibility(View.***GONE***);  
 SessonManger.*startSesson*(SecondOtpActivity.**this**,*FIREBASE\_USER*);  
 Toast.*makeText*(SecondOtpActivity.**this**, **"Login Success"**, Toast.***LENGTH\_SHORT***).show();  
 Intent intent = **new** Intent(SecondOtpActivity.**this**,HomeActivity.**class**);  
 startActivity(intent);  
 finish();  
 }**else** {  
 **binding**.**laodingLayouts**.**laodingLayout**.setVisibility(View.***GONE***);  
 Toast.*makeText*(SecondOtpActivity.**this**, **"Your are not registrated user! "** +  
 **"\n"** + **"registere First!!"**, Toast.***LENGTH\_SHORT***).show();  
 Intent intent = **new** Intent(SecondOtpActivity.**this**,RegistrationActivity.**class**);  
 startActivity(intent);  
 finish();  
 }  
  
 }  
  
 @Override  
 **public void** onCancelled(@NonNull DatabaseError error) {  
 **binding**.**laodingLayouts**.**laodingLayout**.setVisibility(View.***GONE***);  
 Toast.*makeText*(SecondOtpActivity.**this**, error.getMessage(), Toast.***LENGTH\_SHORT***).show();  
 }  
 };  
 databaseReference.addListenerForSingleValueEvent(listener);  
  
 } **else** {  
 **binding**.**laodingLayouts**.**laodingLayout**.setVisibility(View.***GONE***);  
 Toast.*makeText*(SecondOtpActivity.**this**, task.getException().getMessage(), Toast.***LENGTH\_SHORT***).show();  
 }  
 }  
 });  
 }  
}

**This is main Screen code:**

*<?***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:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:id="@+id/drawer\_layout"  
 android:fitsSystemWindows="true"  
 tools:openDrawer="start"**>  
  
 <**include  
 layout= "@layout/app\_bar\_main"  
 android:layout\_width= "match\_parent"  
 android:layout\_height= "match\_parent"** />  
  
 <**com.google.android.material.navigation.NavigationView  
 android:id="@+id/nav\_view"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="match\_parent"  
 android:layout\_gravity= "start"  
 android:fitsSystemWindows="true"  
 app:menu="@menu/nav\_menu"  
 app:headerLayout="@layout/nav\_header"** />  
  
</**androidx.drawerlayout.widget.DrawerLayout**>

*<?***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"  
 android:layout\_width="match\_parent"  
 android:layout\_height="@dimen/nav\_header\_height"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:background="@color/splashback"  
 android:gravity="bottom"  
 android:orientation="vertical"  
 android:paddingLeft="@dimen/activity\_horizontal\_margin"  
 android:paddingTop="@dimen/activity\_vertical\_margin"  
 android:paddingRight="@dimen/activity\_horizontal\_margin"  
 tools:viewBindingIgnore="true"  
 android:paddingBottom="@dimen/activity\_vertical\_margin"  
 android:theme="@style/ThemeOverlay.AppCompat.Dark"**>  
 <**TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="welcome to barbar apk"  
 android:textColor="@color/black"  
 android:textSize="15dp"**/>  
 <**TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:textSize="20dp"  
 android:text="Your Have Guest!please Login"  
 android:id="@+id/UserNameTextUsers"  
 android:textColor="@color/black"  
 android:textStyle="bold"**/>  
</**LinearLayout**>

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:background="#65000000"  
 android:id="@+id/laoding\_layout"  
 style="@style/Fullscreen"  
 android:layout\_height="match\_parent"**>  
  
 <**ImageView  
 android:id="@+id/imgLogoLoadinView"  
 android:layout\_width="98dp"  
 android:layout\_height="90dp"  
 android:layout\_centerInParent="true"  
 android:src="@drawable/logotype"** />  
  
 <**ProgressBar  
 android:id="@+id/progressBarLoading"  
 android:layout\_width="165dp"  
 android:layout\_height="125dp"  
 android:layout\_alignStart="@+id/imgLogoLoadinView"  
 android:layout\_alignLeft="@+id/imgLogoLoadinView"  
 android:layout\_alignTop="@+id/imgLogoLoadinView"  
 android:layout\_alignEnd="@+id/imgLogoLoadinView"  
 android:layout\_alignRight="@+id/imgLogoLoadinView"  
 android:layout\_alignBottom="@+id/imgLogoLoadinView"  
 android:layout\_marginStart="-34dp"  
 android:layout\_marginLeft="-34dp"  
 android:layout\_marginTop="-20dp"  
 android:layout\_marginEnd="-33dp"  
 android:layout\_marginRight="-33dp"  
 android:layout\_marginBottom="-15dp"** />  
  
 <**TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Loading....."  
 android:layout\_below="@+id/progressBarLoading"  
 android:textStyle="bold"  
 android:layout\_marginTop="30dp"  
 android:gravity="center"  
 android:textSize="20dp"**/>  
  
</**RelativeLayout**>

*<?***xml version="1.0" encoding="utf-8"***?>*<**FrameLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:id="@+id/container"  
 xmlns:tools="http://schemas.android.com/tools"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 app:layout\_behavior="@string/appbar\_scrolling\_view\_behavior"  
 tools:context=".HomeActivity"  
 tools:showIn="@layout/app\_bar\_main"**>  
  
</**FrameLayout**>

*<?***xml version="1.0" encoding="utf-8"***?>*<**androidx.coordinatorlayout.widget.CoordinatorLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 xmlns:tools="http://schemas.android.com/tools"  
 xmlns:app="http://schemas.android.com/apk/res-auto"**>  
 <**com.google.android.material.appbar.AppBarLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"** >  
 <**androidx.appcompat.widget.Toolbar  
 android:layout\_width="match\_parent"  
 android:layout\_height="?attr/actionBarSize"  
 android:elevation="6dp"  
 android:id="@+id/toolbars"  
 android:background="@color/splashback"**>  
 <**ImageButton  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:background="@android:color/transparent"  
 android:src="@drawable/ic\_baseline\_menu\_24"  
 android:id="@+id/nav\_open"**/>  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:textStyle="bold"  
 android:id="@+id/toolbarTitle"  
 android:textColor="@color/black"  
 android:layout\_marginLeft="20dp"**/>  
 </**androidx.appcompat.widget.Toolbar**>  
  
 </**com.google.android.material.appbar.AppBarLayout**>  
 <**include layout= "@layout/containt\_main"** />  
 <**include layout="@layout/loading"** />  
</**androidx.coordinatorlayout.widget.CoordinatorLayout**>

**package** com.codewithsk.barber;  
  
**import** androidx.annotation.NonNull;  
**import** androidx.annotation.RequiresApi;  
**import** androidx.appcompat.app.ActionBarDrawerToggle;  
**import** androidx.appcompat.app.AppCompatActivity;  
**import** androidx.appcompat.widget.Toolbar;  
**import** androidx.core.view.GravityCompat;  
**import** androidx.fragment.app.Fragment;  
  
**import** android.annotation.SuppressLint;  
**import** android.content.Context;  
**import** android.content.Intent;  
**import** android.content.SharedPreferences;  
**import** android.os.Build;  
**import** android.os.Bundle;  
**import** android.view.MenuItem;  
**import** android.view.View;  
**import** android.widget.ImageButton;  
**import** android.widget.RelativeLayout;  
**import** android.widget.TextView;  
**import** android.widget.Toast;  
  
**import** com.codewithsk.barber.databinding.ActivityHomeBinding;  
**import** com.google.android.material.navigation.NavigationView;  
**import** com.google.firebase.auth.FirebaseAuth;  
**import** com.google.firebase.database.DataSnapshot;  
**import** com.google.firebase.database.DatabaseError;  
**import** com.google.firebase.database.DatabaseReference;  
**import** com.google.firebase.database.FirebaseDatabase;  
**import** com.google.firebase.database.ValueEventListener;  
**import** com.google.firebase.messaging.FirebaseMessaging;  
  
**import static** com.codewithsk.barber.SessonManger.*FIREBASE\_USER*;  
**import static** com.codewithsk.barber.SessonManger.*SAGAR*;  
**import static** com.codewithsk.barber.SessonManger.*SESSON\_NAME*;  
**import static** com.codewithsk.barber.SessonManger.*START*;  
  
**public class** HomeActivity **extends** AppCompatActivity **implements** NavigationView.OnNavigationItemSelectedListener {  
 ActivityHomeBinding **binding**;  
 Toolbar **toolbar**;  
 TextView **title**;  
 ImageButton **open**;  
 **private** RelativeLayout **newLoadingLayout**;  
 SharedPreferences **sharedPreferences**;  
 @SuppressLint(**"SetTextI18n"**)  
 @RequiresApi(api = Build.VERSION\_CODES.***LOLLIPOP***)  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 **binding** = ActivityHomeBinding.*inflate*(getLayoutInflater());  
 setContentView(**binding**.getRoot());  
  
 **newLoadingLayout** = findViewById(R.id.***laoding\_layout***);  
  
 **sharedPreferences** = getSharedPreferences(*SESSON\_NAME*, Context.***MODE\_PRIVATE***);  
  
 **toolbar** = findViewById(R.id.***toolbars***);  
 **title** = findViewById(R.id.***toolbarTitle***);  
 isCheckGenderMaleOrFemale();  
 **if** (**sharedPreferences**.getString(*START*,**""**).equals(*SAGAR*)){  
 Toast.*makeText*(**this**, **"No Any User Found"**, Toast.***LENGTH\_SHORT***).show();  
 }**else** {  
 DatabaseReference dRef = FirebaseDatabase.*getInstance*().getReference(**"Users"**)  
 .child(FirebaseAuth.*getInstance*().getCurrentUser().getUid());  
 dRef.addListenerForSingleValueEvent(**new** ValueEventListener() {  
 @Override  
 **public void** onDataChange(@NonNull DataSnapshot snapshot) {  
 **if** (snapshot.exists()) {  
 TextView username = (TextView) findViewById(R.id.***UserNameTextUsers***);  
 String value = snapshot.getValue(User.**class**).getName();  
 username.setText(**"Mr. "** + value);  
 } **else** {  
 Toast.*makeText*(HomeActivity.**this**, **"Error"**, Toast.***LENGTH\_SHORT***).show();  
 }  
 }  
  
 @Override  
 **public void** onCancelled(@NonNull DatabaseError error) {  
 Toast.*makeText*(HomeActivity.**this**, **"nav: "** + error.getMessage(), Toast.***LENGTH\_LONG***).show();  
 }  
 });  
 }  
 SystemChanges.*stustusbarColor*(**this**);  
 ActionBarDrawerToggle toggle = **new** ActionBarDrawerToggle(  
 **this**,**binding**.**drawerLayout**,R.string.***navigation\_drawer\_open***,R.string.***navigation\_drawer\_close*** );  
 **open** = findViewById(R.id.***nav\_open***);  
 **open**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 **binding**.**drawerLayout**.openDrawer(GravityCompat.***START***);  
 }  
 });  
 **binding**.**drawerLayout**.addDrawerListener(toggle);  
 toggle.syncState();  
 **binding**.**navView**.setNavigationItemSelectedListener(**this**);  
 }  
  
 @SuppressLint({**"NonConstantResourceId"**, **"SetTextI18n"**})  
 @Override  
 **public boolean** onNavigationItemSelected(@NonNull MenuItem item) {  
 **int** id = item.getItemId();  
 Fragment fragment = **null**;  
 **switch** (id){  
 **case** R.id.***nav\_male***:  
 fragment = **new** MaleServiceFragment();  
 **title**.setText(R.string.***male\_services***);  
 **break**;  
 **case** R.id.***nav\_female***:  
 fragment = **new** FemaleServiceFragment();  
 **title**.setText(R.string.***female\_services***);  
 **break**;  
 **case** R.id.***nav\_ytchannel***:  
 String valuess = **sharedPreferences**.getString(*START*,**""**);  
 **if** (valuess.equals(*SAGAR*)){  
 Toast.*makeText*(**this**, **"First Login Here!!"**, Toast.***LENGTH\_SHORT***).show();  
 }**else** {  
 fragment = **new** MyAppointmentsFragment();  
 **title**.setText(R.string.***my\_bookings***);  
 }  
 **break**;  
 **case** R.id.***nav\_profile***:  
 String pValue = **sharedPreferences**.getString(*START*,**""**);  
 **if** (pValue.equals(*SAGAR*)){  
 Toast.*makeText*(**this**, **"First Login Here!!"**, Toast.***LENGTH\_SHORT***).show();  
 }**else** {  
 fragment = **new** ProfileFragment();  
 **title**.setText(R.string.***my\_profile***);  
 }  
 **break**;  
 **case** R.id.***nav\_about***:  
 fragment = **new** AboutUsFragment();  
 **title**.setText(**"Contact Us"**);  
 **break**;  
 **case** R.id.***nav\_logout***:  
 SessonManger.*removeSesson*(HomeActivity.**this**, *START*);  
 startActivity(**new** Intent(HomeActivity.**this**, LoginActivity.**class**));  
 **break**;  
 **default**:  
 fragment = **new** MaleServiceFragment();  
 **title**.setText(R.string.***male\_services***);  
 **break**;  
  
 }  
 **if** (fragment != **null**) {  
 getSupportFragmentManager().beginTransaction().replace(R.id.***container***,fragment).commit();  
 }  
 **binding**.**drawerLayout**.closeDrawer(GravityCompat.***START***);  
 **return true**;  
 }  
 **public void** isCheckGenderMaleOrFemale() {  
 String checkGuest = **sharedPreferences**.getString(*START*, **""**);  
 **if** (checkGuest.equals(*FIREBASE\_USER*)) {  
 DatabaseReference checkGender = FirebaseDatabase.*getInstance*().getReference(**"Users"**)  
 .child(FirebaseAuth.*getInstance*().getCurrentUser().getUid());  
 checkGender.addListenerForSingleValueEvent(**new** ValueEventListener() {  
 @Override  
 **public void** onDataChange(@NonNull DataSnapshot snapshot) {  
 **if** (snapshot.exists()) {  
 String genderCheck = snapshot.getValue(User.**class**).getGender();  
 **if** (genderCheck.equals(**"Male"**)) {  
 **newLoadingLayout**.setVisibility(View.***GONE***);  
 **title**.setText(R.string.***male\_services***);  
 getSupportFragmentManager().beginTransaction().replace(R.id.***container***, **new** MaleServiceFragment()).commit();  
 FirebaseMessaging.*getInstance*().subscribeToTopic(**"Male"**);  
 FirebaseMessaging.*getInstance*().unsubscribeFromTopic(**"Female"**);  
 } **else** {  
 **newLoadingLayout**.setVisibility(View.***GONE***);  
 **title**.setText(R.string.***female\_services***);  
 getSupportFragmentManager().beginTransaction().replace(R.id.***container***, **new** FemaleServiceFragment()).commit();  
 FirebaseMessaging.*getInstance*().subscribeToTopic(**"Female"**);  
 FirebaseMessaging.*getInstance*().unsubscribeFromTopic(**"Male"**);  
 }  
 }  
 }  
  
 @Override  
 **public void** onCancelled(@NonNull DatabaseError error) {  
 **newLoadingLayout**.setVisibility(View.***GONE***);  
 Toast.*makeText*(HomeActivity.**this**, error.getMessage(), Toast.***LENGTH\_SHORT***).show();  
 }  
 });  
 } **else** {  
 **newLoadingLayout**.setVisibility(View.***GONE***);  
 **title**.setText(R.string.***male\_services***);  
 getSupportFragmentManager().beginTransaction().replace(R.id.***container***, **new** MaleServiceFragment()).commit();  
 }  
 }  
}

**this is Male services code:**

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout 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"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 android:background="@color/splashback"  
 tools:context=".MaleServiceFragment"**>  
  
 <**androidx.recyclerview.widget.RecyclerView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 tools:listitem="@layout/offere\_list"  
 android:visibility="gone"  
 android:orientation="horizontal"  
 app:layoutManager="androidx.recyclerview.widget.LinearLayoutManager"  
 app:reverseLayout="false"  
 android:id="@+id/maleOffereRecyclerView"**/>  
  
 <**androidx.recyclerview.widget.RecyclerView  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_below="@+id/maleOffereRecyclerView"  
 android:id="@+id/categiryRecyclerView"  
 tools:listitem="@layout/categiri\_list"** />  
  
 <**include layout="@layout/loading"**/>  
</**RelativeLayout**>

**package** com.codewithsk.barber;  
  
**import** android.os.Bundle;  
  
**import** androidx.annotation.NonNull;  
**import** androidx.fragment.app.Fragment;  
**import** androidx.recyclerview.widget.LinearLayoutManager;  
**import** androidx.recyclerview.widget.RecyclerView;  
  
**import** android.os.Handler;  
**import** android.view.LayoutInflater;  
**import** android.view.View;  
**import** android.view.ViewGroup;  
**import** android.widget.LinearLayout;  
**import** android.widget.RelativeLayout;  
**import** android.widget.Toast;  
  
**import** com.google.firebase.database.DataSnapshot;  
**import** com.google.firebase.database.DatabaseError;  
**import** com.google.firebase.database.DatabaseReference;  
**import** com.google.firebase.database.FirebaseDatabase;  
**import** com.google.firebase.database.ValueEventListener;  
  
**import** java.util.ArrayList;  
  
**public class** MaleServiceFragment **extends** Fragment {  
 FirebaseDatabase **catDatabase**;  
 DatabaseReference **catRef**,**offereRef**;  
 **private** RecyclerView **recyclerView**,**offeremaleRecyclerView**;  
 **private** ArrayList<Category> **catList**;  
 **private** ArrayList<Offere> **offereList**;  
 **private** RelativeLayout **loadingLayout**;  
  
 **public** MaleServiceFragment() {  
  
 }  
  
 @Override  
 **public** View onCreateView(LayoutInflater inflater, ViewGroup container,  
 Bundle savedInstanceState) {  
 View catView = inflater.inflate(R.layout.***fragment\_male\_service***, container, **false**);  
 **offeremaleRecyclerView** = catView.findViewById(R.id.***maleOffereRecyclerView***);  
 **offeremaleRecyclerView**.setHasFixedSize(**true**);  
 **recyclerView** = catView.findViewById(R.id.***categiryRecyclerView***);  
 **recyclerView**.setHasFixedSize(**true**);  
 **recyclerView**.setLayoutManager(**new** LinearLayoutManager(container.getContext()));  
 **catList** = **new** ArrayList<>();  
 **offereList** = **new** ArrayList<>();  
  
 **loadingLayout** = catView.findViewById(R.id.***laoding\_layout***);  
  
 **catDatabase** = FirebaseDatabase.*getInstance*();  
 **catRef** = **catDatabase**.getReference().child(**"Categories"**);  
 ValueEventListener valueEventListener = **new** ValueEventListener() {  
 @Override  
 **public void** onDataChange(@NonNull DataSnapshot snapshot) {  
 **for** (DataSnapshot ds : snapshot.getChildren()){  
 **if** (ds.exists()){  
 Category category = ds.getValue(Category.**class**);  
 **catList**.add(category);  
 **loadingLayout**.setVisibility(View.***GONE***);  
 }**else**{  
 Toast.*makeText*(getContext(), **"data"**, Toast.***LENGTH\_SHORT***).show();  
 **loadingLayout**.setVisibility(View.***GONE***);  
 *//set to No recycler data found* }  
 }  
 CategiryAdapter adapter = **new** CategiryAdapter(getContext(),**catList**);  
 **recyclerView**.setAdapter(adapter);  
 }  
  
 @Override  
 **public void** onCancelled(@NonNull DatabaseError error) {  
 Toast.*makeText*(getContext(), error.getMessage(), Toast.***LENGTH\_SHORT***).show();  
 **loadingLayout**.setVisibility(View.***GONE***);  
 }  
 };  
 **catRef**.addListenerForSingleValueEvent(valueEventListener);  
 **offereRef** = **catDatabase**.getReference(**"Male Offers"**);  
 **offereRef**.addListenerForSingleValueEvent(**new** ValueEventListener() {  
 @Override  
 **public void** onDataChange(@NonNull DataSnapshot snapshot) {  
 **if** (snapshot.exists()) {  
 **offeremaleRecyclerView**.setVisibility(View.***VISIBLE***);  
 **for** (DataSnapshot offer : snapshot.getChildren()) {  
 **if** (offer.exists()) {  
 Offere offere = offer.getValue(Offere.**class**);  
 **offereList**.add(offere);  
 }  
 }  
 OfferAdapter adapter = **new** OfferAdapter(getContext(), **offereList**);  
 **new** Handler().postDelayed(**new** Runnable() {  
 @Override  
 **public void** run() {  
 **offeremaleRecyclerView**.smoothScrollToPosition(**offereList**.size()+1);  
 }  
 },5000);  
 **offeremaleRecyclerView**.setAdapter(adapter);  
 }**else** {  
 **offeremaleRecyclerView**.setVisibility(View.***GONE***);  
 Toast.*makeText*(getContext(),**"not any offere avalable"**,Toast.***LENGTH\_LONG***).show();  
 }  
  
 }  
  
 @Override  
 **public void** onCancelled(@NonNull DatabaseError error) {  
  
 }  
 });  
 **return** catView;  
 }  
}

**this is female services code:**

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 android:background="@color/splashback"  
 android:layout\_height="match\_parent"  
 tools:context=".FemaleServiceFragment"**>  
  
 <**androidx.recyclerview.widget.RecyclerView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 tools:listitem="@layout/offere\_list"  
 android:visibility="gone"  
 android:orientation="horizontal"  
 app:layoutManager="androidx.recyclerview.widget.LinearLayoutManager"  
 app:reverseLayout="false"  
 android:id="@+id/femaleOffereRecyclerView"**/>  
  
 <**androidx.recyclerview.widget.RecyclerView  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:id="@+id/FemaleRecyclerView"  
 android:layout\_below="@+id/femaleOffereRecyclerView"  
 tools:listitem="@layout/categiri\_list"** />  
 <**include layout="@layout/loading"**/>  
  
</**RelativeLayout**>

**package** com.codewithsk.barber;  
  
**import** android.os.Bundle;  
  
**import** androidx.annotation.NonNull;  
**import** androidx.fragment.app.Fragment;  
**import** androidx.recyclerview.widget.LinearLayoutManager;  
**import** androidx.recyclerview.widget.RecyclerView;  
  
**import** android.os.Handler;  
**import** android.view.LayoutInflater;  
**import** android.view.View;  
**import** android.view.ViewGroup;  
**import** android.widget.RelativeLayout;  
**import** android.widget.Toast;  
  
**import** com.codewithsk.barber.databinding.FragmentFemaleServiceBinding;  
**import** com.google.firebase.database.DataSnapshot;  
**import** com.google.firebase.database.DatabaseError;  
**import** com.google.firebase.database.DatabaseReference;  
**import** com.google.firebase.database.FirebaseDatabase;  
**import** com.google.firebase.database.ValueEventListener;  
  
**import** java.util.ArrayList;  
  
**public class** FemaleServiceFragment **extends** Fragment {  
 FragmentFemaleServiceBinding **binding**;  
 FirebaseDatabase **FemaleDatabase**;  
 DatabaseReference **FemaleRef**,**offerFemaleRef**;  
 **private** ArrayList<Category> **FemaleList**;  
 **private** ArrayList<Offere> **offeresLists**;  
 **private** RelativeLayout **femaleLoadingLayout**;  
 **private** OfferAdapter **adapter**;  
  
 **public** FemaleServiceFragment() {  
 *// Required empty public constructor* }  
  
 @Override  
 **public** View onCreateView(LayoutInflater inflater, ViewGroup container,  
 Bundle savedInstanceState) {  
 *// Inflate the layout for this fragment* **binding** = FragmentFemaleServiceBinding.*inflate*(inflater, container , **false**);  
 **binding**.**FemaleRecyclerView**.setHasFixedSize(**true**);  
 **binding**.**FemaleRecyclerView**.setLayoutManager(**new** LinearLayoutManager(container.getContext()));  
 **binding**.**femaleOffereRecyclerView**.setHasFixedSize(**true**);  
 **FemaleDatabase** = FirebaseDatabase.*getInstance*();  
 **FemaleRef** = **FemaleDatabase**.getReference(**"Female Services"**);  
 **offerFemaleRef** = **FemaleDatabase**.getReference(**"Female Offeres"**);  
 **FemaleList** = **new** ArrayList<>();  
 **offeresLists** = **new** ArrayList<>();  
 **femaleLoadingLayout** = **binding**.getRoot().findViewById(R.id.***laoding\_layout***);  
 ValueEventListener listener = **new** ValueEventListener() {  
 @Override  
 **public void** onDataChange(@NonNull DataSnapshot snapshot) {  
 **for** (DataSnapshot ds : snapshot.getChildren()){  
 **if** (ds.exists()){  
 Category category = ds.getValue(Category.**class**);  
 **FemaleList**.add(category);  
 **femaleLoadingLayout**.setVisibility(View.***GONE***);  
 } **else** {  
 Toast.*makeText*(getContext(), **"Female data"**, Toast.***LENGTH\_SHORT***).show();  
 **femaleLoadingLayout**.setVisibility(View.***GONE***);  
 }  
 }  
 CategiryAdapter adapter = **new** CategiryAdapter(getContext(),**FemaleList**);  
 **binding**.**FemaleRecyclerView**.setAdapter(adapter);  
 }  
  
 @Override  
 **public void** onCancelled(@NonNull DatabaseError error) {  
 Toast.*makeText*(getContext(), error.getMessage(), Toast.***LENGTH\_SHORT***).show();  
 **femaleLoadingLayout**.setVisibility(View.***GONE***);  
 }  
 };  
 **FemaleRef**.addListenerForSingleValueEvent(listener);  
 **offerFemaleRef**.addListenerForSingleValueEvent(**new** ValueEventListener() {  
 @Override  
 **public void** onDataChange(@NonNull DataSnapshot snapshot) {  
 **if** (snapshot.exists()){  
 **binding**.**femaleOffereRecyclerView**.setVisibility(View.***VISIBLE***);  
 **for** (DataSnapshot femaleOffere : snapshot.getChildren()){  
 **if** (femaleOffere.exists()){  
 Offere offeree = femaleOffere.getValue(Offere.**class**);  
 **offeresLists**.add(offeree);  
 }  
 }  
 }**else**{  
 **binding**.**femaleOffereRecyclerView**.setVisibility(View.***GONE***);  
 }  
 **adapter** = **new** OfferAdapter(container.getContext(),**offeresLists**);  
 **new** Handler().postDelayed(**new** Runnable() {  
 @Override  
 **public void** run() {  
 **binding**.**femaleOffereRecyclerView**.smoothScrollToPosition(**offeresLists**.size());  
 }  
 },5000);  
  
 **adapter**.notifyDataSetChanged();  
 **binding**.**femaleOffereRecyclerView**.setAdapter(**adapter**);  
 }  
  
 @Override  
 **public void** onCancelled(@NonNull DatabaseError error) {  
  
 }  
 });  
 **return binding**.getRoot();  
 }  
}

**male and femele adapters and viewHolder code:**

**package** com.codewithsk.barber;  
  
**public class** Category {  
 String **title**,**imgUrl**,**price**,**description**;  
  
 **public** Category(){}  
  
 **public** String getTitle() {  
 **return title**;  
 }  
  
 **public void** setTitle(String title) {  
 **this**.**title** = title;  
 }  
  
 **public** String getImgUrl() {  
 **return imgUrl**;  
 }  
  
 **public void** setImgUrl(String imgUrl) {  
 **this**.**imgUrl** = imgUrl;  
 }  
  
 **public** String getPrice() {  
 **return price**;  
 }  
  
 **public void** setPrice(String price) {  
 **this**.**price** = price;  
 }  
  
 **public** String getDescription() {  
 **return description**;  
 }  
  
 **public void** setDescription(String description) {  
 **this**.**description** = description;  
 }  
}

**package** com.codewithsk.barber;  
  
**import** android.view.View;  
**import** android.widget.ImageView;  
**import** android.widget.TextView;  
  
**import** androidx.annotation.NonNull;  
**import** androidx.cardview.widget.CardView;  
**import** androidx.recyclerview.widget.RecyclerView;  
  
**public class** CategiryViewHolder **extends** RecyclerView.ViewHolder {  
 **public** ImageView **ldCategiryImageView**;  
 **public** TextView **tvCategiryTitle**;  
 **public** CardView **cvCategityCard**;  
 **public** CategiryViewHolder(@NonNull View itemView) {  
 **super**(itemView);  
 **ldCategiryImageView** = itemView.findViewById(R.id.***categiryImage***);  
 **tvCategiryTitle** = itemView.findViewById(R.id.***categiryTitle***);  
 **cvCategityCard** = itemView.findViewById(R.id.***categiryCard***);  
 }  
}

**package** com.codewithsk.barber;  
  
**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.Toast;  
  
**import** androidx.annotation.NonNull;  
**import** androidx.recyclerview.widget.RecyclerView;  
  
**import** com.squareup.picasso.Picasso;  
  
**import** java.util.ArrayList;  
  
**import static** com.codewithsk.barber.SessonManger.*SAGAR*;  
**import static** com.codewithsk.barber.SessonManger.*SESSON\_NAME*;  
**import static** com.codewithsk.barber.SessonManger.*START*;  
  
**public class** CategiryAdapter **extends** RecyclerView.Adapter<CategiryViewHolder> {  
 Context **context**;  
 ArrayList<Category> **categoryArrayList**;  
 **private** SharedPreferences **sharedPreferences**;  
  
 **public** CategiryAdapter(Context ctx,ArrayList<Category> categoryList){  
 **this**.**context** = ctx;  
 **this**.**categoryArrayList** = categoryList;  
 }  
 @NonNull  
 @Override  
 **public** CategiryViewHolder onCreateViewHolder(@NonNull ViewGroup parent, **int** viewType) {  
 View categoryLayout = LayoutInflater.*from*(parent.getContext())  
 .inflate(R.layout.***categiri\_list***,parent,**false**);  
 **return new** CategiryViewHolder(categoryLayout);  
 }  
  
 @Override  
 **public void** onBindViewHolder(@NonNull CategiryViewHolder holder, **int** position) {  
 Category category = **categoryArrayList**.get(position);  
 holder.**tvCategiryTitle**.setText(category.getTitle());  
 Picasso.*get*().load(category.**imgUrl**).into(holder.**ldCategiryImageView**);  
 **sharedPreferences** = **context**.getSharedPreferences(*SESSON\_NAME*,Context.***MODE\_PRIVATE***);  
 holder.**cvCategityCard**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 String value = **sharedPreferences**.getString(*START*,**""**);  
 **if** (value.equals(*SAGAR*)){  
 Toast.*makeText*(**context**, **"Your are guest user!!"**+**"\n"**+**"Register or login First!! and try"**, Toast.***LENGTH\_SHORT***).show();  
 }**else** {  
 String title = category.getTitle();  
 String imgUrl = category.getImgUrl();  
 String price = category.getPrice();  
 Intent intent = **new** Intent(**context**, CategoryDatailsActivity.**class**);  
 intent.putExtra(**"title"**, title);  
 intent.putExtra(**"imgUrl"**, imgUrl);  
 intent.putExtra(**"price"**,price);  
 **context**.startActivity(intent);  
 }  
 }  
 });  
 }  
  
 @Override  
 **public int** getItemCount() {  
 **return categoryArrayList**.size();  
 }  
}

**this is my appointment code:-**

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:background="@color/splashback"  
 android:layout\_height="match\_parent"  
 tools:context=".MyAppointmentsFragment"**>  
 <**androidx.recyclerview.widget.RecyclerView  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:visibility="gone"  
 android:id="@+id/myAppointRecyclerView"**/>  
 <**include layout="@layout/loading"**/>  
</**RelativeLayout**>

**package** com.codewithsk.barber;  
  
**import** android.os.Bundle;  
  
**import** androidx.annotation.NonNull;  
**import** androidx.fragment.app.Fragment;  
**import** androidx.recyclerview.widget.LinearLayoutManager;  
**import** androidx.recyclerview.widget.RecyclerView;  
  
**import** android.view.LayoutInflater;  
**import** android.view.View;  
**import** android.view.ViewGroup;  
**import** android.widget.RelativeLayout;  
**import** android.widget.Toast;  
  
**import** com.google.firebase.auth.FirebaseAuth;  
**import** com.google.firebase.database.DataSnapshot;  
**import** com.google.firebase.database.DatabaseError;  
**import** com.google.firebase.database.DatabaseReference;  
**import** com.google.firebase.database.FirebaseDatabase;  
**import** com.google.firebase.database.ValueEventListener;  
  
**import** java.util.ArrayList;  
  
**public class** MyAppointmentsFragment **extends** Fragment {  
 DatabaseReference **AppRef**;  
 **private** RecyclerView **apprecyclerView**;  
 **private** ArrayList<Appoinments> **AppointList**;  
 **private** RelativeLayout **mLoadingLayout**;  
  
 **public** MyAppointmentsFragment() {  
 }  
  
 @Override  
 **public** View onCreateView(LayoutInflater inflater, ViewGroup container,  
 Bundle savedInstanceState) {  
 View root = inflater.inflate(R.layout.***fragment\_my\_appointments***, container, **false**);  
 **apprecyclerView** = root.findViewById(R.id.***myAppointRecyclerView***);  
 **apprecyclerView**.setHasFixedSize(**true**);  
 **apprecyclerView**.setLayoutManager(**new** LinearLayoutManager(container.getContext()));  
 **AppointList** = **new** ArrayList<>();  
 **mLoadingLayout** = root.findViewById(R.id.***laoding\_layout***);  
 **AppRef** = FirebaseDatabase.*getInstance*().getReference(**"Users"**)  
 .child(FirebaseAuth.*getInstance*().getCurrentUser().getUid()).child(**"Appointments"**);  
  
 **AppRef**.addListenerForSingleValueEvent(**new** ValueEventListener() {  
 @Override  
 **public void** onDataChange(@NonNull DataSnapshot snapshot) {  
 **for** (DataSnapshot ds : snapshot.getChildren()){  
 Appoinments appoinments = ds.getValue(Appoinments.**class**);  
 **AppointList**.add(appoinments);  
 **mLoadingLayout**.setVisibility(View.***GONE***);  
 **apprecyclerView**.setVisibility(View.***VISIBLE***);  
 }  
 MyBookingAdapter adapter = **new** MyBookingAdapter(getContext(),**AppointList**);  
 adapter.notifyDataSetChanged();  
 **apprecyclerView**.setAdapter(adapter);  
 }  
  
 @Override  
 **public void** onCancelled(@NonNull DatabaseError error) {  
 Toast.*makeText*(getContext(), error.getMessage(), Toast.***LENGTH\_SHORT***).show();  
 }  
 });  
 **return** root;  
 }  
}

**my Appointment adapter and holders**

**package** com.codewithsk.barber;  
  
**public class** Appoinments {  
  
 Appoinments(){  
  
 }  
 String **title**,**date**,**time**,**price**,**appointmentDatabaseKey**,**uid**,**custumerPhoneNo**,**AllRefKey**,**status**;  
  
 **public** String getStatus() {  
 **return status**;  
 }  
  
 **public void** setStatus(String status) {  
 **this**.**status** = status;  
 }  
  
 **public** String getTitle() {  
 **return title**;  
 }  
  
 **public void** setTitle(String title) {  
 **this**.**title** = title;  
 }  
  
 **public** String getDate() {  
 **return date**;  
 }  
  
 **public void** setDate(String date) {  
 **this**.**date** = date;  
 }  
  
 **public** String getTime() {  
 **return time**;  
 }  
  
 **public void** setTime(String time) {  
 **this**.**time** = time;  
 }  
  
 **public** String getPrice() {  
 **return price**;  
 }  
  
 **public void** setPrice(String price) {  
 **this**.**price** = price;  
 }  
  
 **public** String getAppointmentDatabaseKey() {  
 **return appointmentDatabaseKey**;  
 }  
  
 **public void** setAppointmentDatabaseKey(String appointmentDatabaseKey) {  
 **this**.**appointmentDatabaseKey** = appointmentDatabaseKey;  
 }  
  
 **public** String getUid() {  
 **return uid**;  
 }  
  
 **public void** setUid(String uid) {  
 **this**.**uid** = uid;  
 }  
  
 **public** String getCustumerPhoneNo() {  
 **return custumerPhoneNo**;  
 }  
  
 **public void** setCustumerPhoneNo(String custumerPhoneNo) {  
 **this**.**custumerPhoneNo** = custumerPhoneNo;  
 }  
  
 **public** String getAllRefKey() {  
 **return AllRefKey**;  
 }  
  
 **public void** setAllRefKey(String allRefKey) {  
 **AllRefKey** = allRefKey;  
 }  
}

**package** com.codewithsk.barber;  
  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.TextView;  
  
**import** androidx.annotation.NonNull;  
**import** androidx.recyclerview.widget.RecyclerView;  
  
**import** org.w3c.dom.Text;  
  
**public class** MyBookingViewHolder **extends** RecyclerView.ViewHolder {  
 **public** TextView **myAppTitle**,**myAppPrice**,**myAppStatus**;  
 **public** Button **cancelAppointment**;  
 **public** MyBookingViewHolder(@NonNull View itemView) {  
 **super**(itemView);  
 **myAppTitle** = itemView.findViewById(R.id.***myAppointTitle***);  
 **cancelAppointment** = itemView.findViewById(R.id.***cancelApp***);  
 **myAppPrice** = itemView.findViewById(R.id.***myAppointPrice***);  
 **myAppStatus** = itemView.findViewById(R.id.***appStatus***);  
 }  
}

**package** com.codewithsk.barber;  
  
**import** android.annotation.SuppressLint;  
**import** android.content.Context;  
**import** android.view.Gravity;  
**import** android.view.LayoutInflater;  
**import** android.view.View;  
**import** android.view.ViewGroup;  
**import** android.view.contentcapture.DataRemovalRequest;  
**import** android.widget.Toast;  
  
**import** androidx.annotation.NonNull;  
**import** androidx.annotation.Nullable;  
**import** androidx.recyclerview.widget.RecyclerView;  
  
**import** com.google.android.gms.tasks.OnCompleteListener;  
**import** com.google.android.gms.tasks.Task;  
**import** com.google.firebase.auth.FirebaseAuth;  
**import** com.google.firebase.database.DataSnapshot;  
**import** com.google.firebase.database.DatabaseError;  
**import** com.google.firebase.database.DatabaseReference;  
**import** com.google.firebase.database.FirebaseDatabase;  
**import** com.google.firebase.database.ValueEventListener;  
  
**import** java.util.ArrayList;  
  
**public class** MyBookingAdapter **extends** RecyclerView.Adapter<MyBookingViewHolder> {  
 Context **ctx**;  
 ArrayList<Appoinments> **appoinmentsList**;  
  
 **public** MyBookingAdapter(Context context,ArrayList<Appoinments> appoinmentsArrayList){  
 **this**.**ctx** = context;  
 **this**.**appoinmentsList** = appoinmentsArrayList;  
 }  
 @NonNull  
 @Override  
 **public** MyBookingViewHolder onCreateViewHolder(@NonNull ViewGroup parent, **int** viewType) {  
 View MyAppointmentLayout = LayoutInflater.*from*(parent.getContext()).inflate(R.layout.***my\_appointments\_list***,parent,**false**);  
 **return new** MyBookingViewHolder(MyAppointmentLayout);  
 }  
  
 @SuppressLint(**"SetTextI18n"**)  
 @Override  
 **public void** onBindViewHolder(@NonNull MyBookingViewHolder holder, **int** position) {  
 Appoinments appoinments = **appoinmentsList**.get(position);  
 holder.**myAppTitle**.setText(appoinments.getTitle());  
 holder.**myAppPrice**.setText(appoinments.getPrice());  
 **if** (appoinments.getStatus().equals(**"Pending"**)){  
 holder.**myAppStatus**.setText(**"Pending"**);  
 holder.**myAppStatus**.setTextColor(**ctx**.getResources().getColor(R.color.***yellow***));  
 }**else if** (appoinments.getStatus().equals(**"Rejected"**)){  
 holder.**myAppStatus**.setText(**"rejected"**+**"\n"**+**"Service are cerrently unavalable or Change Your Time/date"**);  
 holder.**cancelAppointment**.setText(**"DELETE"**);  
 holder.**myAppStatus**.setGravity(Gravity.***CENTER***);  
 holder.**myAppStatus**.setTextColor(**ctx**.getResources().getColor(R.color.***red***));  
 holder.**cancelAppointment**.setVisibility(View.***VISIBLE***);  
 }  
 **else** {  
 holder.**myAppStatus**.setText(**"Accepted"**);  
 holder.**myAppStatus**.setGravity(Gravity.***CENTER***);  
 holder.**myAppStatus**.setTextColor(**ctx**.getResources().getColor(R.color.***green***));  
 holder.**cancelAppointment**.setVisibility(View.***GONE***);  
 }  
 holder.**cancelAppointment**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 FirebaseDatabase.*getInstance*().getReference(**"Users"**)  
 .child(FirebaseAuth.*getInstance*().getCurrentUser().getUid())  
 .child(**"Appointments"**)  
 .child(appoinments.getAppointmentDatabaseKey())  
 .removeValue()  
 .addOnCompleteListener(**new** OnCompleteListener<Void>() {  
 @Override  
 **public void** onComplete(@NonNull Task<Void> task) {  
 **if** (task.isSuccessful()){  
 FirebaseDatabase.*getInstance*().getReference(**"All Appointment"**)  
 .child(appoinments.getAllRefKey()).removeValue();  
 mDelet(position);  
 Toast.*makeText*(**ctx**, **"Successfully Item Removed"**, Toast.***LENGTH\_SHORT***).show();  
 }**else** {  
 Toast.*makeText*(**ctx**, task.getException().toString(), Toast.***LENGTH\_SHORT***).show();  
 }  
 }  
 });  
 }  
 });  
 }  
 @Override  
 **public int** getItemCount() {  
 **return appoinmentsList**.size();  
 }  
 **public void** mDelet(**int** item){  
 **appoinmentsList**.remove(item);  
 notifyItemRemoved(item);  
 }  
}

**this is profile screen code:**

**package** com.codewithsk.barber;  
  
**import** android.annotation.SuppressLint;  
**import** android.os.Bundle;  
  
**import** androidx.annotation.NonNull;  
**import** androidx.fragment.app.Fragment;  
  
**import** android.util.Log;  
**import** android.view.LayoutInflater;  
**import** android.view.View;  
**import** android.view.ViewGroup;  
  
**import** com.codewithsk.barber.databinding.FragmentProfileBinding;  
**import** com.google.firebase.auth.FirebaseAuth;  
**import** com.google.firebase.database.DataSnapshot;  
**import** com.google.firebase.database.DatabaseError;  
**import** com.google.firebase.database.DatabaseReference;  
**import** com.google.firebase.database.FirebaseDatabase;  
**import** com.google.firebase.database.ValueEventListener;  
  
**import** okhttp3.internal.cache.DiskLruCache;  
  
**public class** ProfileFragment **extends** Fragment {  
 FragmentProfileBinding **binding**;  
  
 **public** ProfileFragment() {  
 *// Required empty public constructor* }  
  
 @Override  
 **public** View onCreateView(LayoutInflater inflater, ViewGroup container,  
 Bundle savedInstanceState) {  
 *// Inflate the layout for this fragment* **binding** = FragmentProfileBinding.*inflate*(inflater,container,**false**);  
 View profileRoot = **binding**.getRoot();  
 DatabaseReference profileRef = FirebaseDatabase.*getInstance*().getReference(**"Users"**)  
 .child(FirebaseAuth.*getInstance*().getCurrentUser().getUid());  
 ValueEventListener valueEventListener = **new** ValueEventListener() {  
 @SuppressLint(**"SetTextI18n"**)  
 @Override  
 **public void** onDataChange(@NonNull DataSnapshot snapshot) {  
 **if** (snapshot.exists()){  
 String name = snapshot.getValue(User.**class**).getName();  
 String age = snapshot.getValue(User.**class**).getAge();  
 String pincode = snapshot.getValue(User.**class**).getPincode();  
 String number = snapshot.getValue(User.**class**).getMobile\_no();  
 String gender = snapshot.getValue(User.**class**).getGender();  
  
 **binding**.**userName**.setText(**"Name: "**+name);  
 **binding**.**userAge**.setText(**"Age: "**+age);  
 **binding**.**userNumber**.setText(**"Mobile No: "**+number);  
 **binding**.**userPincode**.setText(**"PinCode: "**+pincode);  
 **binding**.**userGender**.setText(**"Gender: "**+gender);  
 **binding**.getRoot().findViewById(R.id.***laoding\_layout***).setVisibility(View.***GONE***);  
  
 } **else** {  
 **binding**.**userName**.setText(**"NO DATA FOUND"**);  
 **binding**.**userAge**.setText(**""**);  
 **binding**.**userNumber**.setText(**""**);  
 **binding**.**userPincode**.setText(**""**);  
 **binding**.**userGender**.setText(**""**);  
 **binding**.getRoot().findViewById(R.id.***laoding\_layout***).setVisibility(View.***GONE***);  
 }  
 }  
  
 @Override  
 **public void** onCancelled(@NonNull DatabaseError error) {  
 Log.*d*(**"PROFILE"**,error.getMessage());  
 **binding**.getRoot().findViewById(R.id.***laoding\_layout***).setVisibility(View.***GONE***);  
 }  
 };  
 profileRef.addListenerForSingleValueEvent(valueEventListener);  
 **return** profileRoot;  
 }  
}

*<?***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"  
 android:background="@color/splashback"  
 android:gravity="center"  
 tools:context=".ProfileFragment"**>  
 <**include layout="@layout/loading"**/>  
 <**TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Name: Chetan Koli"  
 android:gravity="center"  
 android:textSize="20dp"  
 android:id="@+id/userName"  
 android:textStyle="bold"  
 android:textAllCaps="true"** />  
 <**TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Age: 23"  
 android:gravity="center"  
 android:textSize="20dp"  
 android:id="@+id/userAge"  
 android:textStyle="bold"  
 android:textAllCaps="true"** />  
 <**TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Pincode: 425413"  
 android:gravity="center"  
 android:textSize="20dp"  
 android:id="@+id/userPincode"  
 android:textStyle="bold"  
 android:textAllCaps="true"** />  
 <**TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Number: 8830992395"  
 android:gravity="center"  
 android:textSize="20dp"  
 android:id="@+id/userNumber"  
 android:textStyle="bold"  
 android:textAllCaps="true"** />  
 <**TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Gender: Male"  
 android:gravity="center"  
 android:textSize="20dp"  
 android:id="@+id/userGender"  
 android:textStyle="bold"  
 android:textAllCaps="true"** />  
  
  
</**LinearLayout**>

**this is contact us and about us screen code:**

*<?***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"  
 android:background="@color/splashback"  
 android:padding="8dp"  
 tools:context=".AboutUsFragment"**>  
  
 <**TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="@string/aboutfirst"  
 android:fontFamily="@font/alfa\_slab\_one"  
 android:textColor="@color/black"  
 android:textSize="30dp"**/>  
 <**TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:gravity="center"  
 android:layout\_marginTop="10dp"  
 android:textColor="@color/black"  
 android:id="@+id/shopname"  
 android:text="loading..."**/>  
 <**TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:gravity="center"  
 android:layout\_marginTop="10dp"  
 android:textColor="@color/black"  
 android:id="@+id/shopaddress"  
 android:text="loading..."**/>  
 <**TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:gravity="center"  
 android:layout\_marginTop="10dp"  
 android:textColor="@color/black"  
 android:id="@+id/shopemail"  
 android:text="loading..."**/>  
 <**TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:gravity="center"  
 android:layout\_marginTop="10dp"  
 android:textColor="@color/black"  
 android:id="@+id/shopcontact"  
 android:text="loading..."**/>  
  
 <**TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:gravity="center"  
 android:layout\_marginTop="10dp"  
 android:textColor="@color/black"  
 android:id="@+id/shopowener"  
 android:text="loading..."**/>  
  
 <**Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Send Query"  
 android:layout\_marginRight="15dp"  
 android:layout\_marginTop="10dp"  
 android:id="@+id/sendQuery"  
 android:layout\_gravity="end"**/>  
  
  
</**LinearLayout**>

**package** com.codewithsk.barber;  
  
**import** android.content.Intent;  
**import** android.os.Bundle;  
  
**import** androidx.annotation.NonNull;  
**import** androidx.fragment.app.Fragment;  
  
**import** android.view.LayoutInflater;  
**import** android.view.View;  
**import** android.view.ViewGroup;  
  
**import** com.codewithsk.barber.databinding.FragmentAboutUsBinding;  
**import** com.google.firebase.database.DataSnapshot;  
**import** com.google.firebase.database.DatabaseError;  
**import** com.google.firebase.database.FirebaseDatabase;  
**import** com.google.firebase.database.ValueEventListener;  
  
  
**public class** AboutUsFragment **extends** Fragment {  
 FragmentAboutUsBinding **binding**;  
  
 **public** AboutUsFragment() {  
 *// Required empty public constructor* }  
 @Override  
 **public** View onCreateView(LayoutInflater inflater, ViewGroup container,  
 Bundle savedInstanceState) {  
 *// Inflate the layout for this fragment* **binding** = FragmentAboutUsBinding.*inflate*(inflater, container, **false**);  
 FirebaseDatabase.*getInstance*().getReference(**"Contact"**).addListenerForSingleValueEvent(**new** ValueEventListener() {  
 @Override  
 **public void** onDataChange(@NonNull DataSnapshot snapshot) {  
 **if** (snapshot.exists()){  
 String shName = snapshot.getValue(About.**class**).getShopName();  
 String shAddr = snapshot.getValue(About.**class**).getShopAddress();  
 String shEmail = snapshot.getValue(About.**class**).getShopEmail();  
 String shPhone = snapshot.getValue(About.**class**).getShopPhone();  
 String shOwner = snapshot.getValue(About.**class**).getShopeOwner();  
  
 **binding**.**shopname**.setText(shName);  
 **binding**.**shopaddress**.setText(shAddr);  
 **binding**.**shopemail**.setText(shEmail);  
 **binding**.**shopcontact**.setText(shPhone);  
 **binding**.**shopowener**.setText(shOwner);  
 **binding**.**sendQuery**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 Intent intent=**new** Intent(Intent.***ACTION\_SEND***);  
 String[] recipients={shEmail};  
 intent.putExtra(Intent.***EXTRA\_EMAIL***, recipients);  
 intent.putExtra(Intent.***EXTRA\_SUBJECT***,**""**);  
 intent.putExtra(Intent.***EXTRA\_TEXT***,**""**);  
 intent.putExtra(Intent.***EXTRA\_CC***,**""**);  
 intent.setType(**"text/html"**);  
 intent.setPackage(**"com.google.android.gm"**);  
 startActivity(Intent.*createChooser*(intent, **"Send mail"**));  
 }  
 });  
 }**else** {  
 **binding**.**shopname**.setText(**"Not any Admin Found"**);  
 **binding**.**shopaddress**.setText(**""**);  
 **binding**.**shopemail**.setText(**""**);  
 **binding**.**shopcontact**.setText(**""**);  
 **binding**.**shopowener**.setText(**""**);  
 **binding**.**sendQuery**.setVisibility(View.***GONE***);  
 }  
 }  
  
 @Override  
 **public void** onCancelled(@NonNull DatabaseError error) {  
  
 }  
 });  
  
 **return binding**.getRoot();  
 }  
}

**package** com.codewithsk.barber;  
  
**public class** About {  
 String **ShopName**,**ShopAddress**,**ShopEmail**,**ShopPhone**,**ShopeOwner**;  
  
 **public** About(){}  
  
 **public** String getShopName() {  
 **return ShopName**;  
 }  
  
 **public void** setShopName(String shopName) {  
 **ShopName** = shopName;  
 }  
  
 **public** String getShopAddress() {  
 **return ShopAddress**;  
 }  
  
 **public void** setShopAddress(String shopAddress) {  
 **ShopAddress** = shopAddress;  
 }  
  
 **public** String getShopEmail() {  
 **return ShopEmail**;  
 }  
  
 **public void** setShopEmail(String shopEmail) {  
 **ShopEmail** = shopEmail;  
 }  
  
 **public** String getShopPhone() {  
 **return ShopPhone**;  
 }  
  
 **public void** setShopPhone(String shopPhone) {  
 **ShopPhone** = shopPhone;  
 }  
  
 **public** String getShopeOwner() {  
 **return ShopeOwner**;  
 }  
  
 **public void** setShopeOwner(String shopeOwner) {  
 **ShopeOwner** = shopeOwner;  
 }  
}