**STABLE PROGRESS 1**

**AccountSelectionActivity.java**

package com.example.hissss;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.TextView;  
  
public class AccountSelectionActivity extends AppCompatActivity {  
  
 private TextView patient;  
 private TextView doctor;  
 private TextView admin;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_account\_selection*);  
  
 patient = findViewById(R.id.*patient*);  
 doctor = findViewById(R.id.*doctor*);  
 admin = findViewById(R.id.*admin*);  
  
 patient.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent= new Intent( AccountSelectionActivity.this, PatientLogin.class);  
 startActivity(intent);  
 }  
 });  
  
 doctor.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent= new Intent( AccountSelectionActivity.this, DoctorLogin.class);  
 startActivity(intent);  
 }  
 });  
  
 admin.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent= new Intent( AccountSelectionActivity.this, AdminLogin.class);  
 startActivity(intent);  
 }  
 });  
 }  
}

**activity\_account\_selection.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="@drawable/sethescope"  
 tools:context=".PatientLogin">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 android:background="#3fff"  
 android:gravity="center"  
 android:padding="10dp">  
  
 <ImageView  
 android:id="@+id/logo"  
 android:src="@drawable/doctor"  
 android:layout\_gravity="center"  
 android:layout\_width="150dp"  
 android:layout\_height="150dp"/>  
  
 <TextView  
 android:id="@+id/title"  
 android:layout\_width="match\_parent"  
 android:text="@string/Welcome"  
 android:layout\_height="wrap\_content"  
 android:textSize="25sp"  
 android:textStyle="bold"  
 android:gravity="center"  
 android:textColor="@color/black"/>  
  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:drawablePadding="10dp"  
 android:text="Who are you?"  
 android:textAllCaps="false"  
 android:layout\_marginTop="20dp"  
 android:layout\_gravity="center"  
 android:textColor="#4E4D4F"  
 android:gravity="center"  
 android:textSize="20sp"  
 />  
  
  
 <Button  
 android:id="@+id/patient"  
 android:layout\_width="250dp"  
 android:layout\_height="40dp"  
 android:text="Patient"  
 android:textAllCaps="false"  
 android:layout\_marginTop="40dp"  
 android:textColor="#FFFBF6"  
 android:background="@drawable/custombutton1"  
 />  
  
 <Button  
 android:id="@+id/doctor"  
 android:layout\_width="250dp"  
 android:layout\_height="40dp"  
 android:text="Doctor"  
 android:textAllCaps="false"  
 android:layout\_marginTop="40dp"  
 android:textColor="#FFFBF6"  
 android:background="@drawable/custombutton1"  
 />  
  
 <Button  
 android:id="@+id/admin"  
 android:layout\_width="250dp"  
 android:layout\_height="40dp"  
 android:text="Admin"  
 android:textAllCaps="false"  
 android:layout\_marginTop="40dp"  
 android:textColor="#FFFBF6"  
 android:background="@drawable/custombutton1"  
 />  
  
 <View  
 android:layout\_width="fill\_parent"  
 android:layout\_height="2dp"  
 android:background="#3fff"  
 android:layout\_marginTop="15dp"/>  
  
 </LinearLayout>  
  
</androidx.constraintlayout.widget.ConstraintLayout>

**AdminLogin.java**

package com.example.hissss;  
  
import androidx.annotation.NonNull;  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.app.ProgressDialog;  
import android.content.Intent;  
import android.os.Bundle;  
import android.text.TextUtils;  
import android.util.Log;  
import android.view.View;  
import android.widget.TextView;  
import android.widget.Toast;  
  
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.DatabaseReference;  
import com.google.firebase.database.FirebaseDatabase;  
  
public class AdminLogin extends AppCompatActivity {  
  
 private TextView sign,email,password;  
 FirebaseAuth mAuth;  
 DatabaseReference userDatabaseRef;  
 FirebaseDatabase database= FirebaseDatabase.*getInstance*();  
 String currentUserId;  
 ProgressDialog loader;  
 String flag="False";  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_admin\_login*);  
  
 sign = findViewById(R.id.*sign*);  
 email = findViewById(R.id.*email*);  
 password = findViewById(R.id.*password*);  
 mAuth = FirebaseAuth.*getInstance*();  
 loader = new ProgressDialog(this);  
  
  
  
 sign.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 final String Email= email.getText().toString().trim();  
 final String Password= password.getText().toString().trim();  
  
  
 if (TextUtils.*isEmpty*(Email)){  
 email.setError("Email is required!");  
 return;  
 }  
  
 if (TextUtils.*isEmpty*(Password)){  
 password.setError("Password is required!");  
 return;  
  
 }  
  
 else{  
 loader.setMessage("Loading....");  
 loader.setCanceledOnTouchOutside(false);  
 loader.show();  
  
 FirebaseUser user= mAuth.*getInstance*().getCurrentUser();  
 userDatabaseRef= database.getReference().child("Admin");  
  
 userDatabaseRef.get().addOnCompleteListener(new OnCompleteListener<DataSnapshot>() {  
 @Override  
 public void onComplete(@NonNull Task<DataSnapshot> task) {  
 if (task.isSuccessful()) {  
 for (DataSnapshot ds : task.getResult().getChildren()) {  
 String dbemail = ds.child("Email").getValue(String.class);  
 String dbpassword = ds.child("Password").getValue(String.class);  
  
 /\*Toast.makeText(PatientLogin.this, dbemail, Toast.LENGTH\_SHORT).show();  
 Toast.makeText(PatientLogin.this, dbpassword, Toast.LENGTH\_SHORT).show();  
 Toast.makeText(PatientLogin.this, Email, Toast.LENGTH\_SHORT).show();  
 Toast.makeText(PatientLogin.this, Password, Toast.LENGTH\_SHORT).show();\*/  
  
  
 if (dbemail.equals(Email) && dbpassword.equals(Password) ){  
 Toast.*makeText*(AdminLogin.this, "Sign in Successful!", Toast.*LENGTH\_SHORT*).show();  
 loader.dismiss();  
 flag="True";  
 Intent intent= new Intent( AdminLogin.this, AdminPage.class);  
 startActivity(intent);  
  
  
 }  
 }  
  
 if(flag.equals("False")){  
 Toast.*makeText*(AdminLogin.this, "Wrong credentials!", Toast.*LENGTH\_SHORT*).show();  
 finish();  
 loader.dismiss();  
 }  
 } else {  
 Log.*d*("TAG", task.getException().getMessage()); //Never ignore potential errors!  
 }  
 }  
 });  
  
  
 }  
 }  
  
 });  
  
 }  
}

**activity\_admin\_login.xml**

<?xml version="1.0" encoding="utf-8"?>  
<androidx.constraintlayout.widget.ConstraintLayout  
 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:background="@drawable/adminwall"  
 tools:context=".AdminLogin">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 android:background="#3fff"  
 android:gravity="center"  
 android:padding="10dp">  
  
 <ImageView  
 android:id="@+id/logo"  
 android:src="@drawable/admin"  
 android:layout\_gravity="center"  
 android:layout\_width="150dp"  
 android:layout\_height="150dp"/>  
  
 <EditText  
 android:id="@+id/email"  
 android:layout\_marginTop="15dp"  
 android:gravity="center"  
 android:layout\_width="250dp"  
 android:layout\_height="40dp"  
 android:hint="Email"  
 android:textColorHint="#FFFBF6"  
 android:background="@drawable/custombutton"  
 />  
  
 <EditText  
 android:id="@+id/password"  
 android:layout\_marginTop="15dp"  
 android:gravity="center"  
 android:layout\_width="250dp"  
 android:layout\_height="40dp"  
 android:hint="Password"  
 android:textColorHint="#FFFBF6"  
 android:background="@drawable/custombutton"  
 />  
  
 <Button  
 android:id="@+id/sign"  
 android:layout\_width="250dp"  
 android:layout\_height="40dp"  
 android:text="Sign in"  
 android:textAllCaps="false"  
 android:layout\_marginTop="40dp"  
 android:textColor="#FFFBF6"  
 android:background="@drawable/custombutton1"  
 />  
  
 <View  
 android:layout\_width="fill\_parent"  
 android:layout\_height="2dp"  
 android:background="#3fff"  
 android:layout\_marginTop="15dp"/>  
  
 </LinearLayout>  
  
</androidx.constraintlayout.widget.ConstraintLayout>

**PatientLogin.java**

package com.example.hissss;  
  
import androidx.annotation.NonNull;  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.app.ProgressDialog;  
import android.content.Intent;  
import android.os.Bundle;  
import android.text.TextUtils;  
import android.util.Log;  
import android.view.View;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import com.google.android.gms.tasks.OnCompleteListener;  
import com.google.android.gms.tasks.Task;  
import com.google.firebase.auth.AuthResult;  
import com.google.firebase.auth.FirebaseAuth;  
import com.google.firebase.auth.FirebaseUser;  
import com.google.firebase.database.DataSnapshot;  
import com.google.firebase.database.DatabaseReference;  
import com.google.firebase.database.FirebaseDatabase;  
  
public class PatientLogin extends AppCompatActivity {  
  
 private TextView loginPageQuestion, sign, email, password;  
 FirebaseAuth mAuth;  
 DatabaseReference userDatabaseRef;  
 ProgressDialog loader;  
 FirebaseDatabase database= FirebaseDatabase.*getInstance*();  
 String flag="False";  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_patient\_login*);  
  
 loginPageQuestion = findViewById(R.id.*loginPageQuestion*);//inside bracket is id given to sign up button in activity\_login.xml  
 //the other loginPageQuestion are just variable names  
 sign = findViewById(R.id.*sign*);  
 email = findViewById(R.id.*email*);  
 password = findViewById(R.id.*password*);  
  
 loader = new ProgressDialog(this);  
 mAuth = FirebaseAuth.*getInstance*();  
  
 loginPageQuestion.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent= new Intent( PatientLogin.this, SelectRegistrationActivity.class);  
 startActivity(intent);  
 }  
 });  
  
 sign.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 final String Email= email.getText().toString().trim();  
 final String Password= password.getText().toString().trim();  
  
 if (TextUtils.*isEmpty*(Email)){  
 email.setError("Email is required!");  
 return;  
 }  
  
 if (TextUtils.*isEmpty*(Password)){  
 password.setError("Password is required!");  
 return;  
  
 }  
  
 else{  
 loader.setMessage("Loading....");  
 loader.setCanceledOnTouchOutside(false);  
 loader.show();  
  
 FirebaseUser user= mAuth.*getInstance*().getCurrentUser();  
 userDatabaseRef= database.getReference().child("All Users");  
  
 userDatabaseRef.get().addOnCompleteListener(new OnCompleteListener<DataSnapshot>() {  
 @Override  
 public void onComplete(@NonNull Task<DataSnapshot> task) {  
 if (task.isSuccessful()) {  
 for (DataSnapshot ds : task.getResult().getChildren()) {  
 String dbemail = ds.child("Email").getValue(String.class);  
 String dbpassword = ds.child("Password").getValue(String.class);  
  
 /\*Toast.makeText(PatientLogin.this, dbemail, Toast.LENGTH\_SHORT).show();  
 Toast.makeText(PatientLogin.this, dbpassword, Toast.LENGTH\_SHORT).show();  
 Toast.makeText(PatientLogin.this, Email, Toast.LENGTH\_SHORT).show();  
 Toast.makeText(PatientLogin.this, Password, Toast.LENGTH\_SHORT).show();\*/  
  
  
 if (dbemail.equals(Email) && dbpassword.equals(Password) ){  
 Toast.*makeText*(PatientLogin.this, "Sign in Successful!", Toast.*LENGTH\_SHORT*).show();  
 loader.dismiss();  
 flag="True";  
 }  
 }  
  
 if(flag.equals("False")){  
 Toast.*makeText*(PatientLogin.this, "Wrong credentials!", Toast.*LENGTH\_SHORT*).show();  
 finish();  
 loader.dismiss();  
 }  
 } else {  
 Log.*d*("TAG", task.getException().getMessage()); //Never ignore potential errors!  
 }  
 }  
 });  
  
  
 }  
 }  
 });  
  
  
  
 }  
}

**activity\_patient\_login.xml**

<?xml version="1.0" encoding="utf-8"?>  
<androidx.constraintlayout.widget.ConstraintLayout  
 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:background="@drawable/wallpaper\_login"  
 tools:context=".AccountSelectionActivity">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 android:background="#3fff"  
 android:gravity="center"  
 android:padding="10dp">  
  
 <ImageView  
 android:id="@+id/logo"  
 android:src="@drawable/doctor"  
 android:layout\_gravity="center"  
 android:layout\_width="150dp"  
 android:layout\_height="150dp"/>  
  
 <EditText  
 android:id="@+id/email"  
 android:layout\_marginTop="15dp"  
 android:gravity="center"  
 android:layout\_width="250dp"  
 android:layout\_height="40dp"  
 android:hint="Email"  
 android:textColorHint="#FFFBF6"  
 android:background="@drawable/custombutton"  
 />  
  
 <EditText  
 android:id="@+id/password"  
 android:layout\_marginTop="15dp"  
 android:gravity="center"  
 android:layout\_width="250dp"  
 android:layout\_height="40dp"  
 android:hint="Password"  
 android:textColorHint="#FFFBF6"  
 android:background="@drawable/custombutton"  
 />  
  
 <Button  
 android:id="@+id/sign"  
 android:layout\_width="250dp"  
 android:layout\_height="40dp"  
 android:text="Sign in"  
 android:textAllCaps="false"  
 android:layout\_marginTop="40dp"  
 android:textColor="#FFFBF6"  
 android:background="@drawable/custombutton1"  
 />  
  
 <Button  
 android:id="@+id/loginPageQuestion"  
 android:layout\_width="300dp"  
 android:layout\_height="40dp"  
 android:text="Don't have an account? Sign up"  
 android:textAllCaps="false"  
 android:layout\_marginTop="40dp"  
 android:textColor="#E7DAF2"  
 android:background="@drawable/custombutton"  
 />  
  
 <View  
 android:layout\_width="fill\_parent"  
 android:layout\_height="2dp"  
 android:background="#3fff"  
 android:layout\_marginTop="15dp"/>  
  
 </LinearLayout>  
  
</androidx.constraintlayout.widget.ConstraintLayout>

**SelectRegistrationActivity.java**

package com.example.hissss;  
  
import androidx.annotation.NonNull;  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.app.ProgressDialog;  
import android.content.Intent;  
import android.os.Bundle;  
import android.text.TextUtils;  
import android.util.Log;  
import android.view.View;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import com.google.android.gms.tasks.OnCompleteListener;  
import com.google.android.gms.tasks.OnSuccessListener;  
import com.google.android.gms.tasks.Task;  
import com.google.firebase.auth.AuthResult;  
import com.google.firebase.auth.FirebaseAuth;  
import com.google.firebase.auth.FirebaseUser;  
import com.google.firebase.database.DatabaseReference;  
import com.google.firebase.database.FirebaseDatabase;  
import com.google.firebase.firestore.DocumentReference;  
import com.google.firebase.firestore.FirebaseFirestore;  
import com.google.firebase.storage.FirebaseStorage;  
import com.google.firebase.storage.StorageReference;  
  
import java.util.HashMap;  
import java.util.Map;  
  
public class SelectRegistrationActivity extends AppCompatActivity {  
  
 private TextView back;  
 private TextView fullName,email,phone,password,regButton,gender,age;  
 FirebaseAuth mAuth;  
 DatabaseReference userDatabaseRef;  
 ProgressDialog loader;  
 FirebaseDatabase database= FirebaseDatabase.*getInstance*();  
 String currentUserId;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_select\_registration*);  
  
 back = findViewById(R.id.*back*);//inside bracket is id given to sign in button in activity\_select\_registration.xml  
 //the other back are just variable names  
  
 fullName = findViewById(R.id.*fullName*);  
 email = findViewById(R.id.*email*);  
 phone = findViewById(R.id.*phone*);  
 password = findViewById(R.id.*password*);  
 regButton = findViewById(R.id.*regButton*);  
 gender = findViewById(R.id.*gender*);  
 age = findViewById(R.id.*age*);  
  
 loader = new ProgressDialog(this);  
 mAuth = FirebaseAuth.*getInstance*();  
  
 FirebaseUser user= FirebaseAuth.*getInstance*().getCurrentUser();  
 currentUserId =user.getUid();  
 userDatabaseRef= database.getReference("All Users");  
  
  
 back.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent= new Intent( SelectRegistrationActivity.this, AccountSelectionActivity.class);  
 startActivity(intent);  
 }  
 });  
  
 regButton.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 //Email,Password etc are variables  
 final String Email= email.getText().toString().trim();  
 final String Password= password.getText().toString().trim();  
 final String FullName= fullName.getText().toString().trim();  
 final String Phone= phone.getText().toString().trim();  
 final String Gender= gender.getText().toString().trim();  
 final String Age= age.getText().toString().trim();  
  
  
 if (TextUtils.*isEmpty*(Email)){  
 email.setError("Email is required!");  
 return;  
 }  
  
 if (TextUtils.*isEmpty*(Password)){  
 password.setError("Password is required!");  
 return;  
  
 }  
  
 if (TextUtils.*isEmpty*(FullName)){  
 fullName.setError("Name is required!");  
 return;  
  
 }  
  
 if (TextUtils.*isEmpty*(Phone)){  
 phone.setError("Phone number is required!");  
 return;  
  
 }  
  
 if (TextUtils.*isEmpty*(Gender)){  
 gender.setError("Gender is required!");  
 return;  
  
 }  
  
 if (TextUtils.*isEmpty*(Age)){  
 age.setError("Age is required!");  
 return;  
  
 }  
  
 else{  
 loader.setMessage("Registration in process....");  
 loader.setCanceledOnTouchOutside(false);  
 loader.show();  
  
 mAuth.createUserWithEmailAndPassword(Email,Password)  
 .addOnCompleteListener(new OnCompleteListener<AuthResult>() {  
 @Override  
 public void onComplete(@NonNull Task<AuthResult> task) {  
 if(!task.isSuccessful()){  
 String error =task.getException().toString();  
 Toast.*makeText*(SelectRegistrationActivity.this,  
 "Error occurred:" + error,Toast.*LENGTH\_SHORT*).show();  
 }  
  
 else{  
 String currentUserId = mAuth.getCurrentUser().getUid();  
 userDatabaseRef= database.getReference().child("All Users").child(currentUserId);  
 //HashMap userInfo = new HashMap();  
 HashMap userInfo = new HashMap();  
 userInfo.put("Name",FullName);  
 userInfo.put("Email",Email);  
 userInfo.put("Age",Age);  
 userInfo.put("Gender",Gender);  
 userInfo.put("Phone",Phone);  
 userInfo.put("Password",Password);  
 userInfo.put("Type","Patient");  
  
 //userDatabaseRef.setValue(userInfo);  
  
 //Firebase itself will show error if already registered email is trying to sign up  
  
  
 /\*String userId = mAuth.getCurrentUser().getUid();  
 DocumentReference docRef= fStore.collection("Users").document(userID);  
 Map<String, Object> user= new HashMap<>();  
 user.put("Name",fullName);  
 user.put("Email",email);  
 user.put("Age",age);  
 user.put("Gender",gender);  
 user.put("Phone",phone);  
 user.put("Type","Patient");  
  
 DocumentReference.set(user).addOnSuccessListener(new OnSuccessListener<Void>() {  
 @Override  
 public void onSuccess(Void unused) {  
 Log.d("TAG","OnSuccess"+userID);  
 }  
 });\*/  
  
 userDatabaseRef.updateChildren(userInfo).addOnCompleteListener(new OnCompleteListener() {  
 @Override  
 public void onComplete(@NonNull Task task) {  
 if (task.isSuccessful()){  
 Toast.*makeText*(SelectRegistrationActivity.this, "Details set Successful", Toast.*LENGTH\_SHORT*).show();  
  
 }  
  
 else{  
 Toast.*makeText*(SelectRegistrationActivity.this, task.getException().toString(), Toast.*LENGTH\_SHORT*).show();  
  
 }  
  
 }  
 });  
  
 }  
  
 }  
 });  
  
 finish();//takes user to screen 1  
 loader.dismiss();  
 }  
  
 }  
 });  
 }  
}

**activity\_select\_registration.xml**

<?xml version="1.0" encoding="utf-8"?>  
<ScrollView xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="@drawable/wallpaper\_login"  
 tools:context=".SelectRegistrationActivity">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 android:background="#3fff"  
 android:gravity="center"  
 android:padding="10dp">  
  
 <ImageView  
 android:id="@+id/logo"  
 android:src="@drawable/doctor"  
 android:layout\_gravity="center"  
 android:layout\_width="150dp"  
 android:layout\_height="150dp"/>  
  
 <EditText  
 android:id="@+id/fullName"  
 android:layout\_marginTop="15dp"  
 android:gravity="center"  
 android:layout\_width="250dp"  
 android:layout\_height="40dp"  
 android:hint="Enter full name"  
 android:textColorHint="#FFFBF6"  
 android:background="@drawable/custombutton"  
 />  
  
 <EditText  
 android:id="@+id/gender"  
 android:layout\_marginTop="15dp"  
 android:gravity="center"  
 android:layout\_width="250dp"  
 android:layout\_height="40dp"  
 android:hint="Gender"  
 android:entries="@array/gender"  
 android:textColorHint="#FFFBF6"  
 android:background="@drawable/custombutton"  
 />  
  
 <EditText  
 android:id="@+id/age"  
 android:layout\_marginTop="15dp"  
 android:gravity="center"  
 android:layout\_width="250dp"  
 android:layout\_height="40dp"  
 android:inputType="number"  
 android:hint="Age"  
 android:textColorHint="#FFFBF6"  
 android:background="@drawable/custombutton"  
 />  
  
 <EditText  
 android:id="@+id/phone"  
 android:layout\_marginTop="15dp"  
 android:gravity="center"  
 android:layout\_width="250dp"  
 android:layout\_height="40dp"  
 android:inputType="number"  
 android:hint="Phone number"  
 android:textColorHint="#FFFBF6"  
 android:background="@drawable/custombutton"  
 />  
  
 <EditText  
 android:id="@+id/email"  
 android:layout\_marginTop="15dp"  
 android:gravity="center"  
 android:layout\_width="250dp"  
 android:layout\_height="40dp"  
 android:hint="Email"  
 android:textColorHint="#FFFBF6"  
 android:background="@drawable/custombutton"  
 />  
  
 <EditText  
 android:id="@+id/password"  
 android:layout\_marginTop="15dp"  
 android:gravity="center"  
 android:layout\_width="250dp"  
 android:layout\_height="40dp"  
 android:hint="Password"  
 android:textColorHint="#FFFBF6"  
 android:background="@drawable/custombutton"  
 />  
  
 <Button  
 android:id="@+id/regButton"  
 android:layout\_width="250dp"  
 android:layout\_height="40dp"  
 android:text="Sign up"  
 android:textAllCaps="false"  
 android:layout\_marginTop="40dp"  
 android:textColor="#FFFBF6"  
 android:background="@drawable/custombutton1"  
 />  
  
 <Button  
 android:id="@+id/back"  
 android:layout\_width="300dp"  
 android:layout\_height="40dp"  
 android:text="Already have an account? Sign in"  
 android:textAllCaps="false"  
 android:layout\_marginTop="40dp"  
 android:textColor="#E7DAF2"  
 android:background="@drawable/custombutton"  
 />  
  
 <View  
 android:layout\_width="fill\_parent"  
 android:layout\_height="2dp"  
 android:background="#3fff"  
 android:layout\_marginTop="15dp"/>  
  
 </LinearLayout>  
  
  
</ScrollView>

**Build.gradle(hissss)**

buildscript **{** dependencies **{** classpath 'com.android.tools.build:gradle:3.4.0'  
 classpath 'com.google.gms:google-services:4.3.13'  
 **}  
}**// Top-level build file where you can add configuration options common to all sub-projects/modules.  
plugins **{** id 'com.android.application' version '7.2.1' apply false  
 id 'com.android.library' version '7.2.1' apply false  
**}**task clean(type: Delete) **{** delete rootProject.buildDir  
**}**

**build.gradle(Module: hissss app)**

plugins **{** id 'com.android.application'  
 id 'com.google.gms.google-services'  
**}**android **{** compileSdk 32  
  
 defaultConfig **{** applicationId "com.example.hissss"  
 minSdk 22  
 targetSdk 32  
 versionCode 1  
 versionName "1.0"  
  
 testInstrumentationRunner "androidx.test.runner.AndroidJUnitRunner"  
 **}** buildTypes **{** release **{** minifyEnabled false  
 proguardFiles getDefaultProguardFile('proguard-android-optimize.txt'), 'proguard-rules.pro'  
 **}  
 }** compileOptions **{** sourceCompatibility JavaVersion.*VERSION\_1\_8* targetCompatibility JavaVersion.*VERSION\_1\_8* **}  
}**dependencies **{** implementation platform('com.google.firebase:firebase-bom:30.3.0')  
 implementation 'androidx.appcompat:appcompat:1.4.2'  
 implementation 'com.google.android.material:material:1.6.1'  
 implementation 'androidx.constraintlayout:constraintlayout:2.1.4'  
 implementation 'com.android.support:multidex:1.0.3'  
 implementation 'com.google.firebase:firebase-auth:21.0.6'  
 implementation 'com.google.firebase:firebase-database:20.0.5'  
 implementation 'com.google.firebase:firebase-analytics:21.1.0'  
 implementation 'com.google.firebase:firebase-storage:20.0.1'  
 implementation 'com.google.firebase:firebase-functions:20.1.0'  
 implementation 'com.google.firebase:firebase-inappmessaging-display:20.1.2'  
 implementation 'com.google.firebase:firebase-dynamic-links:21.0.1'  
 implementation 'com.google.firebase:firebase-firestore:24.2.1'  
 testImplementation 'junit:junit:4.13.2'  
 androidTestImplementation 'androidx.test.ext:junit:1.1.3'  
 androidTestImplementation 'androidx.test.espresso:espresso-core:3.4.0'  
**}**

**settings.gradle**

pluginManagement **{** repositories **{** gradlePluginPortal()  
 google()  
 mavenCentral()  
 **}  
}**dependencyResolutionManagement **{** repositoriesMode.set(RepositoriesMode.FAIL\_ON\_PROJECT\_REPOS)  
 repositories **{** google()  
 mavenCentral()  
 **}  
}**rootProject.name = "hissss"  
include ':app'

**strings.xml**

<resources>  
 <string name="app\_name">hissss</string>  
 <string name="Welcome">Welcome to ABC Hospital</string>  
 <string name="Admin">Welcome to Administration</string>  
  
 <string-array name="gender">  
 <item>Male</item>  
 <item>Female</item>  
 <item>Custom</item>  
 </string-array>  
  
  
</resources>