package com.shruti.lofo;  
  
import static android.content.ContentValues.*TAG*;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.graphics.Color;  
import android.os.Bundle;  
import android.os.Handler;  
import android.text.Editable;  
import android.text.TextWatcher;  
import android.util.Log;  
import android.widget.Button;  
import android.widget.EditText;  
import android.content.Intent;  
import android.view.View;  
import android.widget.TextView;  
import android.widget.Toast;  
  
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.FirebaseFirestore;  
  
import java.util.HashMap;  
import java.util.Map;  
  
public class Register extends AppCompatActivity {  
 EditText signupName, signupPhone, signupEmail, signupPassword;  
 TextView loginRedirectText;  
 Button signupButton;  
 private Toast toast;  
 private Handler handler = new Handler();  
 private boolean emailValid = true;  
 FirebaseDatabase database;  
 DatabaseReference reference;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_register*);  
 signupName = findViewById(R.id.*signup\_name*);  
 signupEmail = findViewById(R.id.*signup\_email*);  
 signupPhone = findViewById(R.id.*signup\_phone*);  
 signupPassword = findViewById(R.id.*signup\_password*);  
 loginRedirectText = findViewById(R.id.*loginRedirectText*);  
 signupButton = findViewById(R.id.*signup\_button*);  
 signupEmail.addTextChangedListener(new TextWatcher() {  
  
 @Override  
 public void beforeTextChanged(CharSequence charSequence, int i, int i1, int i2) {  
  
 }  
  
 @Override  
 public void onTextChanged(CharSequence charSequence, int i, int i1, int i2) {  
  
 }  
  
 @Override  
 public void afterTextChanged(Editable s) {  
 String email = s.toString();  
 if (!email.endsWith("@vitstudent.ac.in")) {  
 signupEmail.setTextColor(Color.*RED*);  
 } else {  
 signupEmail.setTextColor(Color.*BLACK*);  
 }  
 }  
 });  
 signupButton.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
  
 String name = signupName.getText().toString();  
 String email = signupEmail.getText().toString();  
 String phone = signupPhone.getText().toString();  
 String password = signupPassword.getText().toString();  
  
 if (!email.endsWith("@vitstudent.ac.in")) {  
 // Email format is incorrect  
 Toast.*makeText*(Register.this, "Please sign up with @vitstudent.in email.", Toast.*LENGTH\_SHORT*).show();  
 return; // Exit the method, preventing further execution  
 }  
  
 FirebaseAuth mAuth = FirebaseAuth.*getInstance*();  
 mAuth.createUserWithEmailAndPassword(email, password)  
 .addOnCompleteListener(Register.this, task -> {  
 if (task.isSuccessful()) {  
 // User is successfully registered and authenticated.  
 // Add the user's data to the Firestore database.  
 FirebaseUser user = mAuth.getCurrentUser();  
 if (user != null) {  
 user.sendEmailVerification()  
 .addOnCompleteListener(task1 -> {  
 if (task1.isSuccessful()) {  
 // Step 5: Handle Verification Email Sent Event  
 // Email verification sent successfully  
 // Prompt users to verify their email  
 Toast.*makeText*(Register.this, "Verification email sent.", Toast.*LENGTH\_SHORT*).show();  
 } else {  
 // Email verification not sent  
 Log.*e*(*TAG*, "sendEmailVerification", task1.getException());  
 }  
 });  
 }  
  
 FirebaseFirestore db = FirebaseFirestore.*getInstance*();  
  
 Map<String, Object> user1 = new HashMap<>();  
 user1.put("name", name);  
 user1.put("email", email);  
 user1.put("phone", phone);  
 user1.put("password", password);  
  
 db.collection("users")  
 .add(user1)  
 .addOnSuccessListener(documentReference -> {  
 Toast.*makeText*(Register.this, "You have signed up successfully!", Toast.*LENGTH\_SHORT*).show();  
 Intent intent = new Intent(Register.this, Login.class);  
 startActivity(intent);  
 })  
 .addOnFailureListener(e -> {  
 // Handle any errors here  
 });  
 } else {  
 // If sign-up fails, display a message to the user.  
 Toast.*makeText*(Register.this, "Registration failed might be due to Incorrect college mail format| Password less than 6 character | Invalid Phone number",  
 Toast.*LENGTH\_SHORT*).show();  
 }  
 });  
 }  
 });  
  
 loginRedirectText.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent = new Intent(Register.this, Login.class);  
 startActivity(intent);  
 }  
 });  
 }  
  
  
  
}