package com.example.android\_training;

import android.content.Intent;

import android.os.Bundle;

import android.util.Patterns;

import android.view.View;

import android.widget.EditText;

import android.widget.TextView;

import android.widget.Toast;

import android.widget.Button;

import androidx.annotation.NonNull;

import androidx.appcompat.app.AppCompatActivity;

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.FirebaseDatabase;

public class MainActivity extends AppCompatActivity implements View.OnClickListener {

private TextView register,forgotPassword;

private EditText editTextEmail, editTextPassword;

private Button signIn;

private FirebaseAuth mAuth;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

register = (TextView) findViewById(R.id.register);

register.setOnClickListener(this);

signIn=(Button) findViewById(R.id.loginbutton);

signIn.setOnClickListener(this);

editTextEmail=(EditText) findViewById(R.id.email);

editTextPassword=(EditText) findViewById(R.id.password);

mAuth= FirebaseAuth.getInstance();

forgotPassword=(TextView) findViewById(R.id.forgotPassword);

forgotPassword.setOnClickListener(this);

}

@Override

public void onClick(View v) {

switch(v.getId()){

case R.id.register:

startActivity(new Intent(this,RegisterUser.class));

break;

case R.id.loginbutton:

userLogin();

break;

case R.id.forgotPassword:

startActivity(new Intent(this,ForgotPassword.class));

break;

}

}

private void userLogin() {

String email=editTextEmail.getText().toString().trim();

String password=editTextPassword.getText().toString().trim();

//path validation

if(email.isEmpty()){

editTextEmail.setError("Email is required!");

editTextEmail.requestFocus();

return;

}

if(!Patterns.EMAIL\_ADDRESS.matcher(email).matches()){

editTextEmail.setError("Please enter a valid email!");

editTextEmail.requestFocus();

return;

}

if(password.isEmpty()){

editTextPassword.setError("Password required");

editTextPassword.requestFocus();

return;

}

if(password.length()<6){

editTextPassword.setError("Min password length is 6 char");

editTextPassword.requestFocus();

return;

}

mAuth.signInWithEmailAndPassword(email,password).addOnCompleteListener(new OnCompleteListener<AuthResult>() {

@Override

public void onComplete(@NonNull Task<AuthResult>task){

if(task.isSuccessful()) {

// startActivity(new Intent(MainActivity.this, Homepage.class));

FirebaseUser user = FirebaseAuth.getInstance().getCurrentUser();

if (user.isEmailVerified()) {

startActivity(new Intent(MainActivity.this, Dashboard.class));

} else {

user.sendEmailVerification();

Toast.makeText(MainActivity.this, "Check youre email to verify your account!", Toast.LENGTH\_LONG).show();

}

}

else

{

Toast.makeText(MainActivity.this,"Failed to login! Please check credentials",Toast.LENGTH\_LONG).show();

}

}

});

}

}