**CODE**

**activity\_signup.xml**

<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:padding="16dp">

<TextView

android:id="@+id/textViewTitle"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Sign Up"

android:textSize="24sp"

android:textStyle="bold"

android:layout\_centerHorizontal="true"

android:layout\_marginBottom="24dp"/>

<EditText

android:id="@+id/editTextName"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:hint="Name"

android:layout\_below="@id/textViewTitle"

android:layout\_marginTop="24dp"/>

<EditText

android:id="@+id/editTextEmail"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:hint="Email"

android:layout\_below="@id/editTextName"

android:layout\_marginTop="12dp"/>

<EditText

android:id="@+id/editTextPassword"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:inputType="textPassword"

android:hint="Password"

android:layout\_below="@id/editTextEmail"

android:layout\_marginTop="12dp"/>

<Button

android:id="@+id/buttonSignUp"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:text="Sign Up"

android:layout\_below="@id/editTextPassword"

android:layout\_marginTop="24dp"/>

<TextView

android:id="@+id/textViewForgotPassword"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Forgot Password?"

android:textColor="@android:color/holo\_blue\_dark"

android:layout\_below="@id/buttonSignUp"

android:layout\_marginTop="12dp"

android:layout\_centerHorizontal="true"

android:onClick="forgotPasswordClick"/>

</RelativeLayout>

// **SignUpActivity.java**

import android.content.ContentValues;

import android.database.sqlite.SQLiteDatabase;

import android.os.Bundle;

import android.support.annotation.Nullable;

import android.support.v7.app.AppCompatActivity;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.TextView;

import android.widget.Toast;

public class SignUpActivity extends AppCompatActivity {

private EditText editTextName, editTextEmail, editTextPassword;

private Button buttonSignUp;

private TextView textViewForgotPassword;

private DatabaseHelper dbHelper;

@Override

protected void onCreate(@Nullable Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_signup);

editTextName = findViewById(R.id.editTextName);

editTextEmail = findViewById(R.id.editTextEmail);

editTextPassword = findViewById(R.id.editTextPassword);

buttonSignUp = findViewById(R.id.buttonSignUp);

textViewForgotPassword = findViewById(R.id.textViewForgotPassword);

dbHelper = new DatabaseHelper(this);

buttonSignUp.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

signUp();

}

});

textViewForgotPassword.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

// Add logic for forgot password here

// For now, let's just display a toast message

Toast.makeText(SignUpActivity.this, "Forgot Password clicked", Toast.LENGTH\_SHORT).show();

}

});

}

private void signUp() {

String name = editTextName.getText().toString();

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

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

// Add the user to the database

addUserToDatabase(name, email, password);

// You can add your sign-up logic here

// For now, let's just display the entered details

String message = "Name: " + name + "\nEmail: " + email + "\nPassword: " + password;

Toast.makeText(this, message, Toast.LENGTH\_SHORT).show();

}

private void addUserToDatabase(String name, String email, String password) {

SQLiteDatabase db = dbHelper.getWritableDatabase();

ContentValues values = new ContentValues();

values.put(DatabaseContract.UserEntry.COLUMN\_NAME, name);

values.put(DatabaseContract.UserEntry.COLUMN\_EMAIL, email);

values.put(DatabaseContract.UserEntry.COLUMN\_PASSWORD, password);

db.insert(DatabaseContract.UserEntry.TABLE\_NAME, null, values);

}

}

// **DatabaseHelper.java**

import android.content.Context;

import android.database.sqlite.SQLiteDatabase;

import android.database.sqlite.SQLiteOpenHelper;

public class DatabaseHelper extends SQLiteOpenHelper {

public static final int DATABASE\_VERSION = 1;

public static final String DATABASE\_NAME = "ShoppingApp.db";

private static final String SQL\_CREATE\_ENTRIES =

"CREATE TABLE " + DatabaseContract.UserEntry.TABLE\_NAME + " (" +

DatabaseContract.UserEntry.\_ID + " INTEGER PRIMARY KEY," +

DatabaseContract.UserEntry.COLUMN\_NAME + " TEXT," +

DatabaseContract.UserEntry.COLUMN\_EMAIL + " TEXT," +

DatabaseContract.UserEntry.COLUMN\_PASSWORD + " TEXT)";

private static final String SQL\_DELETE\_ENTRIES =

"DROP TABLE IF EXISTS " + DatabaseContract.UserEntry.TABLE\_NAME;

public DatabaseHelper(Context context) {

super(context, DATABASE\_NAME, null, DATABASE\_VERSION);

}

@Override

public void onCreate(SQLiteDatabase db) {

db.execSQL(SQL\_CREATE\_ENTRIES);

}

@Override

public void onUpgrade(SQLiteDatabase db, int oldVersion, int newVersion) {

db.execSQL(SQL\_DELETE\_ENTRIES);

onCreate(db);

}

}

**// DatabaseContract.java**

import android.provider.BaseColumns;

public final class DatabaseContract {

private DatabaseContract() {}

public static class UserEntry implements BaseColumns {

public static final String TABLE\_NAME = "users";

public static final String COLUMN\_NAME = "name";

public static final String COLUMN\_EMAIL = "email";

public static final String COLUMN\_PASSWORD = "password";

}

}