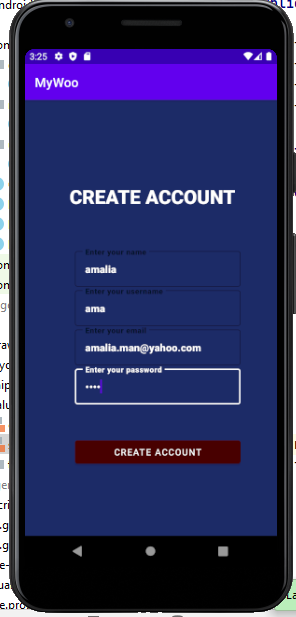
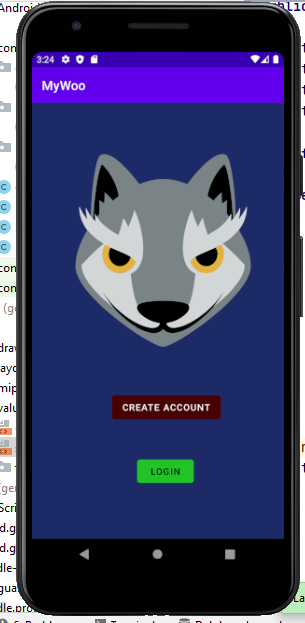
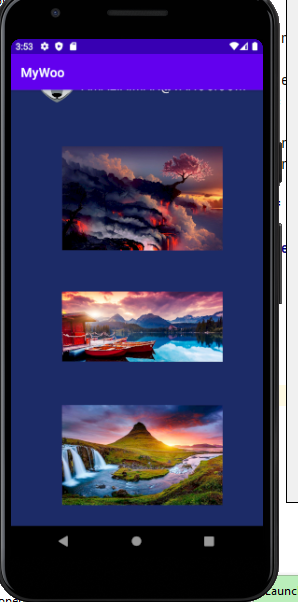
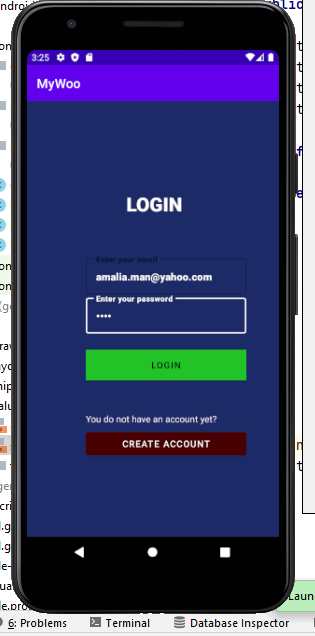
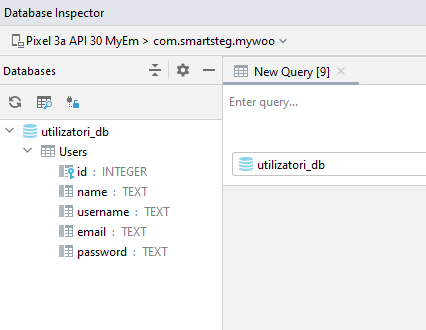
## **Man Amalia Daiana**

## **UAV, INFORMATICA AN II**

## **Dezvoltarea aplicatiilor mobile**



Pagina de MainActivity, in caz ca apasam pe butonul Create Account, ne va duce la cea cu crearea contului, iar in cazul apasarii pe Login, ne duce la Login.

****

**Cod MainActivity.java:**

**package** com.smartsteg.mywoo;  
  
**import** androidx.appcompat.app.AppCompatActivity;  
  
**import** android.content.Intent;  
**import** android.view.View;  
*//import android.widget.Button;***import** android.os.Bundle;  
  
**public class** MainActivity **extends** AppCompatActivity {  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
 }  
  
 **public void** goToCreateAcc (View view){  
 Intent intent = **new** Intent(MainActivity.**this**, CreateAccount.**class**);  
 startActivity(intent);  
 }  
  
 **public void** goToLogin (View view){  
 Intent intent = **new** Intent(MainActivity.**this**, Login.**class**);  
 startActivity(intent);  
 }  
}

**Cod activity\_main.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="#1E2967"  
 tools:context=".MainActivity"**>  
  
 <**LinearLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal"**>  
  
 <**ImageView  
 android:id="@+id/icon"  
 android:layout\_width="400dp"  
 android:layout\_height="300dp"  
 android:layout\_marginTop="80dp"  
 android:layout\_marginLeft="5dp"  
 android:layout\_marginStart="5dp"  
 android:contentDescription="@string/icon"  
 app:srcCompat="@drawable/wolf"**>  
  
 </**ImageView**>  
  
 <**Button  
 android:id="@+id/goToCrAcc"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="-280dp"  
 android:layout\_marginLeft="-280dp"  
 android:layout\_marginTop="450dp"  
 android:text="@string/goTocreate\_account"  
 android:onClick="goToCreateAcc"  
 android:textColor="@color/white"  
 app:backgroundTint="#490505"** />  
  
 <**Button  
 android:id="@+id/goToLogin"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="-130dp"  
 android:layout\_marginLeft="-130dp"  
 android:layout\_marginTop="550dp"  
 android:text="@string/goToLogin"  
 android:onClick="goToLogin"  
 android:textColor="@color/black"  
 app:backgroundTint="#20C326"** />  
  
 </**LinearLayout**>  
  
</**ScrollView**>

**Cod CreateAccount.java:**

**package** com.smartsteg.mywoo;  
  
**import** androidx.appcompat.app.AppCompatActivity;  
  
**import** android.content.Intent;  
**import** android.os.Bundle;  
**import** android.view.View;  
  
**import** com.google.android.material.textfield.TextInputLayout;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**import** android.widget.Toast;  
  
**import** com.smartsteg.mywoo.data.DatabaseHandler;  
**import** com.smartsteg.mywoo.model.Utilizatori;  
  
**import** java.util.List;  
  
  
**public class** CreateAccount **extends** AppCompatActivity {  
  
 TextInputLayout **name**, **username**, **email**, **password**;  
 Button **createAccBtn**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_create\_account***);  
  
 **createAccBtn** = findViewById(R.id.***crAccBtn***);  
 **name** = findViewById(R.id.***name***);  
 **username** = findViewById(R.id.***username***);  
 **email** = findViewById(R.id.***email***);  
 **password** = findViewById(R.id.***password***);  
  
 DatabaseHandler db = **new** DatabaseHandler(CreateAccount.**this**);  
  
 **createAccBtn**.setOnClickListener(**new** View.OnClickListener() {  
 **public void** onClick(View v) {  
  
 String nameTxt = **name**.getEditText().getText().toString();  
 String usernameTxt = **username**.getEditText().getText().toString();  
 String emailTxt = **email**.getEditText().getText().toString();  
 String passwordTxt = **password**.getEditText().getText().toString();  
  
 **if**(nameTxt.isEmpty() || usernameTxt.isEmpty() || emailTxt.isEmpty() || passwordTxt.isEmpty()){  
 Toast.*makeText*(CreateAccount.**this**, **"Fields cannot be empty!"**, Toast.***LENGTH\_SHORT***).show();  
 }**else**{  
 Boolean checkUser = db.checkUserEmail(emailTxt);  
 **if**(checkUser == **false**){  
 Utilizatori nou = **new** Utilizatori(nameTxt, usernameTxt, emailTxt, passwordTxt);  
 db.addUtilizatori(nou);  
  
 Toast.*makeText*(CreateAccount.**this**, **"Utilizator adaugat"**, Toast.***LENGTH\_SHORT***).show();  
 }**else**{  
 Toast.*makeText*(CreateAccount.**this**, **"User already exists "**, Toast.***LENGTH\_SHORT***).show();  
 }  
 }  
 Intent intent = **new** Intent(CreateAccount.**this**, Login.**class**);  
 startActivity(intent);  
 }  
 });  
  
 }  
}

**Cod activity\_create\_account.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"  
 tools:context=".CreateAccount"  
 android:background="#1E2967"  
 android:padding="-50dp"**>  
  
 <**LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="80dp"**>  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="70dp"  
 android:layout\_marginLeft="2dp"  
 android:layout\_marginTop="50dp"  
 android:fontFamily="sans-serif-black"  
 android:gravity="center\_horizontal"  
 android:text="@string/create\_account"  
 android:textAllCaps="true"  
 android:textColor="@color/white"  
 android:textSize="30sp"** />  
  
 <**LinearLayout  
 android:layout\_width="258dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="-250dp"  
 android:layout\_marginTop="150dp"  
 android:orientation="vertical"  
 android:layout\_marginLeft="-250dp"**>  
  
 <**com.google.android.material.textfield.TextInputLayout  
 android:id="@+id/name"  
 style="@style/Widget.MaterialComponents.TextInputLayout.OutlinedBox"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="@string/enter\_name"  
 app:boxStrokeColor="@color/white"  
 app:boxStrokeWidthFocused="2dp"  
 app:hintTextColor="@color/white"**>  
  
 <**com.google.android.material.textfield.TextInputEditText  
  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:fontFamily="sans-serif-black"  
 android:textColor="@color/white"** />  
 </**com.google.android.material.textfield.TextInputLayout**>  
  
 <**com.google.android.material.textfield.TextInputLayout  
 android:id="@+id/username"  
 style="@style/Widget.MaterialComponents.TextInputLayout.OutlinedBox"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="@string/enter\_username"  
 app:boxStrokeColor="@color/white"  
 app:boxStrokeWidthFocused="2dp"  
 app:hintTextColor="@color/white"**>  
  
 <**com.google.android.material.textfield.TextInputEditText  
  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:fontFamily="sans-serif-black"  
 android:textColor="@color/white"** />  
  
 </**com.google.android.material.textfield.TextInputLayout**>  
  
 <**com.google.android.material.textfield.TextInputLayout  
 android:id="@+id/email"  
 style="@style/Widget.MaterialComponents.TextInputLayout.OutlinedBox"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="@string/enter\_email"  
 app:boxStrokeColor="@color/white"  
 app:boxStrokeWidthFocused="2dp"  
 app:hintTextColor="@color/white"**>  
  
  
 <**com.google.android.material.textfield.TextInputEditText  
  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:fontFamily="sans-serif-black"  
 android:textColor="@color/white"** />  
  
 </**com.google.android.material.textfield.TextInputLayout**>  
  
 <**com.google.android.material.textfield.TextInputLayout  
 android:id="@+id/password"  
 style="@style/Widget.MaterialComponents.TextInputLayout.OutlinedBox"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="@string/enter\_password"  
 app:boxStrokeColor="@color/white"  
 app:boxStrokeWidthFocused="2dp"  
 app:hintTextColor="@color/white"**>  
  
  
 <**com.google.android.material.textfield.TextInputEditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:fontFamily="sans-serif-black"  
 android:inputType="textPassword"  
 android:textColor="@color/white"** />  
  
 </**com.google.android.material.textfield.TextInputLayout**>  
  
 <**Button  
 android:id="@+id/crAccBtn"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="50dp"  
 android:text="@string/create\_account"  
 android:textColor="@color/white"  
 app:backgroundTint="#490505"** />  
  
 </**LinearLayout**>  
 </**LinearLayout**>  
  
  
</**ScrollView**>

**Cod Login.java:**

**package** com.smartsteg.mywoo;  
  
**import** androidx.appcompat.app.AppCompatActivity;  
  
**import** android.content.Intent;  
**import** android.widget.EditText;  
**import** android.database.sqlite.SQLiteDatabase;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.util.Patterns;  
  
**import** com.google.android.material.textfield.TextInputLayout;  
  
**import** com.smartsteg.mywoo.data.DatabaseHandler;  
**import** com.smartsteg.mywoo.model.Utilizatori;  
  
**import** android.widget.Button;  
**import** android.widget.Toast;  
  
**import** java.util.List;  
  
**public class** Login **extends** AppCompatActivity {  
  
 TextInputLayout **email**, **password**;  
 Button **loginBtn**;  
  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_login***);  
  
 **email** = findViewById(R.id.***email***);  
 **password** = findViewById(R.id.***password***);  
 **loginBtn** = findViewById(R.id.***loginBtn***);  
  
 DatabaseHandler db = **new** DatabaseHandler(Login.**this**);  
  
 **loginBtn**.setOnClickListener(**new** View.OnClickListener() {  
 **public void** onClick(View v) {  
  
 String mail = **email**.getEditText().getText().toString();  
 String pass = **password**.getEditText().getText().toString();  
  
 **if** (mail.isEmpty() || pass.isEmpty()) {  
 Toast.*makeText*(Login.**this**, **"Fields cannot be empty!"**, Toast.***LENGTH\_SHORT***).show();  
 } **else** {  
 Boolean result = db.checkUserEmPass(mail, pass);  
 **if** (result == **true**) {  
 Intent intent = **new** Intent(v.getContext(), Posts.**class**);  
 intent.putExtra(**"KEY\_EMAIL"**, mail);  
 startActivity(intent);  
 } **else** {  
 Toast.*makeText*(Login.**this**, **"User does not exist!"**, Toast.***LENGTH\_SHORT***).show();  
 }  
 }  
 }  
 });  
 }  
  
 **public void** goToCrAcc (View view){  
 Intent intent = **new** Intent(Login.**this**, CreateAccount.**class**);  
 startActivity(intent);  
 }  
}

**Cod login.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="#1E2967"  
 android:padding="30dp"  
 tools:context=".Login"**>  
  
 <**LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="60dp"**>  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="125dp"  
 android:layout\_marginLeft="2dp"  
 android:layout\_marginTop="50dp"  
 android:fontFamily="sans-serif-black"  
 android:gravity="center\_horizontal"  
 android:text="@string/login"  
 android:textAllCaps="true"  
 android:textColor="@color/white"  
 android:textSize="30sp"** />  
  
 <**LinearLayout  
 android:layout\_width="250dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="-150dp"  
 android:layout\_marginLeft="-2dp"  
 android:layout\_marginTop="150dp"  
 android:orientation="vertical"**>  
  
 <**com.google.android.material.textfield.TextInputLayout  
 android:id="@+id/email"  
 style="@style/Widget.MaterialComponents.TextInputLayout.OutlinedBox"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="@string/enter\_email"  
 app:boxStrokeColor="@color/white"  
 app:boxStrokeWidthFocused="2dp"  
 app:hintTextColor="@color/white"**>  
  
  
 <**com.google.android.material.textfield.TextInputEditText  
  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:fontFamily="sans-serif-black"  
 android:textColor="@color/white"  
 android:textColorHint="#5F5D61"** />  
  
 </**com.google.android.material.textfield.TextInputLayout**>  
  
 <**com.google.android.material.textfield.TextInputLayout  
 android:id="@+id/password"  
 style="@style/Widget.MaterialComponents.TextInputLayout.OutlinedBox"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="@string/enter\_password"  
 app:boxStrokeColor="@color/white"  
 app:boxStrokeWidthFocused="2dp"  
 app:hintTextColor="@color/white"**>  
  
  
 <**com.google.android.material.textfield.TextInputEditText  
  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:fontFamily="sans-serif-black"  
 android:inputType="textPassword"  
 android:textColor="@color/white"** />  
  
 </**com.google.android.material.textfield.TextInputLayout**>  
  
 <**Button  
 android:id="@+id/loginBtn"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="25dp"  
 android:background="#20C326"  
 android:text="@string/login"  
 android:textColor="@color/black"  
 app:backgroundTint="#20C326"** />  
  
 <**TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="50dp"  
 android:text="@string/have\_acc"  
 android:textColor="#FBF3F3"**>  
  
 </**TextView**>  
  
 <**Button  
 android:id="@+id/signBtn"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="5dp"  
 android:text="@string/goTocreate\_account"  
 android:onClick="goToCrAcc"  
 android:textColor="@color/white"  
 app:backgroundTint="#490505"** />  
  
 <**ProgressBar  
 android:id="@+id/progressBar"  
 android:layout\_width="30dp"  
 android:layout\_height="30dp"  
 android:layout\_gravity="center|bottom"  
 android:layout\_marginBottom="20dp"  
 android:visibility="gone"** />  
  
 </**LinearLayout**>  
 </**LinearLayout**>  
  
  
</**ScrollView**>

**Cod Posts.java:**

**package** com.smartsteg.mywoo;  
  
**import** androidx.appcompat.app.AppCompatActivity;  
  
**import** android.content.Intent;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.TextView;  
  
**public class** Posts **extends** AppCompatActivity {  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_posts***);  
  
 Intent intent = getIntent();  
 String StrEmail = intent.getStringExtra(**"KEY\_EMAIL"**);  
 TextView email = findViewById(R.id.***email***);  
 email.setText(StrEmail);  
 }  
  
 **public void** logout(View view) {  
 Intent intent = **new** Intent(Posts.**this**, MainActivity.**class**);  
 startActivity(intent);  
 }  
}

**Cod activity\_posts.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"  
 tools:context=".Posts"  
 android:background="#1E2967"  
 android:padding="-50dp"**>  
  
 <**RelativeLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="40dp"  
 android:layout\_marginStart="30dp"  
 android:layout\_marginLeft="30dp"**>  
  
 <**Button  
 android:id="@+id/logout"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="230dp"  
 android:layout\_marginLeft="230dp"  
 android:layout\_marginTop="10dp"  
 android:background="#20C326"  
 android:text="@string/logout"  
 android:onClick="logout"  
 android:textColor="#0B0808"  
 app:backgroundTint="#20C326"  
 app:icon="@drawable/abc\_vector\_test"  
 app:iconTint="#070505"** />  
  
 <**TextView  
 android:id="@+id/email"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="80dp"  
 android:layout\_marginLeft="60dp"  
 android:layout\_marginTop="160dp"  
 android:gravity="center\_horizontal"  
 android:text="@string/emailpost"  
 android:textAllCaps="true"  
 android:textColor="@color/white"  
 android:textSize="20sp"** />  
  
 <**ImageView  
 android:id="@+id/icon"  
 android:layout\_width="64dp"  
 android:layout\_height="60dp"  
 android:layout\_marginStart="10dp"  
 android:layout\_marginLeft="10dp"  
 android:layout\_marginTop="140dp"  
 android:contentDescription="@string/icon"  
 app:srcCompat="@drawable/wolf"**>  
  
 </**ImageView**>  
  
 <**LinearLayout  
 android:layout\_width="250dp"  
 android:layout\_height="300dp"  
 android:gravity="center"  
 android:layout\_marginTop="200dp"  
 android:layout\_marginStart="50dp"  
 android:layout\_marginLeft="50dp"**>  
  
 <**ImageView  
 android:layout\_width="260dp"  
 android:layout\_height="280dp"  
 app:srcCompat="@drawable/digla"  
 android:contentDescription="@string/digitalLand"**>  
 </**ImageView**>  
  
 </**LinearLayout**>  
  
 <**LinearLayout  
 android:layout\_width="250dp"  
 android:layout\_height="300dp"  
 android:gravity="center"  
 android:layout\_marginTop="400dp"  
 android:layout\_marginStart="50dp"  
 android:layout\_marginLeft="50dp"**>  
  
 <**ImageView  
 android:layout\_width="260dp"  
 android:layout\_height="280dp"  
 app:srcCompat="@drawable/landscape"  
 android:contentDescription="@string/landscape"**>  
  
 </**ImageView**>  
  
 </**LinearLayout**>  
  
 <**LinearLayout  
 android:layout\_width="250dp"  
 android:layout\_height="300dp"  
 android:gravity="center"  
 android:layout\_marginTop="600dp"  
 android:layout\_marginStart="50dp"  
 android:layout\_marginLeft="50dp"**>  
  
 <**ImageView  
 android:layout\_width="260dp"  
 android:layout\_height="220dp"  
 android:contentDescription="@string/landscape"  
 app:srcCompat="@drawable/mountla"**>  
  
 </**ImageView**>  
  
 </**LinearLayout**>  
  
 <**LinearLayout  
 android:layout\_width="250dp"  
 android:layout\_height="300dp"  
 android:gravity="center"  
 android:layout\_marginTop="800dp"  
 android:layout\_marginStart="50dp"  
 android:layout\_marginLeft="50dp"**>  
  
 <**ImageView  
 android:layout\_width="260dp"  
 android:layout\_height="220dp"  
 android:contentDescription="@string/landscape"  
 app:srcCompat="@drawable/mywoo"**>  
  
 </**ImageView**>  
  
 </**LinearLayout**>  
  
 </**RelativeLayout**>  
  
</**ScrollView**>

**Cod DatabaseHandler.java:**

**package** com.smartsteg.mywoo.data;  
  
**import** android.content.Context;  
**import** android.database.sqlite.SQLiteDatabase;  
**import** android.database.sqlite.SQLiteOpenHelper;  
  
**import** com.smartsteg.mywoo.R;  
**import** com.smartsteg.mywoo.model.Utilizatori;  
**import** com.smartsteg.mywoo.util.Util;  
**import** android.content.ContentValues;  
**import** android.database.Cursor;  
**import** java.util.List;  
**import** java.util.ArrayList;  
**import** android.util.Log;  
  
**public class** DatabaseHandler **extends** SQLiteOpenHelper {  
  
 **public** DatabaseHandler(Context context) {  
 **super**(context, Util.***DATABASE\_NAME***, **null**, Util.***DATABASE\_VERSION***);  
 }  
  
 @Override  
 **public void** onCreate(SQLiteDatabase db) {  
  
 String CREATE\_USERS\_TABLE = **" CREATE TABLE "** + Util.***TABLE\_NAME*** + **" ( "** + Util.***KEY\_ID*** + **" INTEGER PRIMARY KEY, "** + Util.***KEY\_NAME*** + **" TEXT, "** + Util.***KEY\_USERNAME*** + **" TEXT, "** + Util.***KEY\_EMAIL*** + **" TEXT, "** + Util.***KEY\_PASSWORD*** + **" TEXT "** + **" ) "**;  
  
 db.execSQL(CREATE\_USERS\_TABLE);  
 }  
  
 @Override  
 **public void** onUpgrade(SQLiteDatabase db, **int** oldVersion, **int** newVersion) {  
  
 String DROP\_TABLE = String.*valueOf*(R.string.***db\_drop***);  
 db.execSQL(DROP\_TABLE, **new** String[]{Util.***DATABASE\_NAME***});  
 onCreate(db);  
 }  
  
 **public void** addUtilizatori(Utilizatori utilizator) {  
 SQLiteDatabase db = **this**.getWritableDatabase();  
  
 ContentValues values = **new** ContentValues();  
 values.put(Util.***KEY\_NAME***, utilizator.getName());  
 values.put(Util.***KEY\_USERNAME***, utilizator.getUsername());  
 values.put(Util.***KEY\_EMAIL***, utilizator.getEmail());  
 values.put(Util.***KEY\_PASSWORD***, utilizator.getPassword());  
  
 db.insert(Util.***TABLE\_NAME***, **null**, values);  
  
 Log.*d*(**"Database"**, **"addUser: "** + **"user added"**);  
 db.close();  
 }  
  
 **public** Boolean checkUserEmail(String email) {  
 SQLiteDatabase db = **this**.getWritableDatabase();  
  
 Cursor cursor = db.rawQuery(**" SELECT \* FROM USERS WHERE EMAIL = ? "**, **new** String[]{email});  
 **if** (cursor.getCount() > 0) {  
 **return true**;  
 } **else** {  
 **return false**;  
 }  
 }  
  
 **public** Boolean checkUserEmPass(String email, String password) {  
 SQLiteDatabase db = **this**.getWritableDatabase();  
  
 Cursor cursor = db.rawQuery(**" SELECT \* FROM USERS WHERE EMAIL = ? AND PASSWORD = ? "**, **new** String[]{email, password});  
 **if** (cursor.getCount() > 0) {  
 **return true**;  
 } **else** {  
 **return false**;  
 }  
 }  
  
 **public** Utilizatori getUsers(**int** id){  
 SQLiteDatabase db=**this**.getReadableDatabase();  
  
 Cursor cursor=db.query(Util.***TABLE\_NAME***,  
 **new** String[]{Util.***KEY\_ID***, Util.***KEY\_NAME***, Util.***KEY\_USERNAME***, Util.***KEY\_EMAIL***, Util.***KEY\_PASSWORD***},  
 Util.***KEY\_ID*** + **" = ? "**, **new** String[]{String.*valueOf*(id)},  
 **null**, **null**, **null**);  
 **if** (cursor!=**null**) cursor.moveToFirst();  
 Utilizatori utilizator=**new** Utilizatori();  
 utilizator.setId(Integer.*parseInt*(cursor.getString(0)));  
 utilizator.setName(cursor.getString(1));  
 utilizator.setUsername(cursor.getString(2));  
 utilizator.setEmail(cursor.getString(3));  
 utilizator.setPassword(cursor.getString(4));  
  
 **return** utilizator;  
 }  
  
 **public** List<Utilizatori> getAllUsers(){  
 List<Utilizatori> userList=**new** ArrayList<>();  
 SQLiteDatabase db=**this**.getReadableDatabase();  
  
 String selectAll=**" SELECT \* FROM "** + Util.***TABLE\_NAME***;  
 Cursor cursor=db.rawQuery(selectAll, **null**);  
  
 **if** (cursor.moveToFirst()) {  
 **do**{  
 Utilizatori utilizator=**new** Utilizatori();  
 utilizator.setId(Integer.*parseInt*(cursor.getString(0)));  
 utilizator.setName(cursor.getString(1));  
 utilizator.setUsername(cursor.getString(2));  
 utilizator.setEmail(cursor.getString(3));  
 utilizator.setPassword(cursor.getString(4));  
  
 userList.add(utilizator) ;  
  
 }**while** (cursor.moveToNext());  
 }  
 **return** userList;  
 }  
  
 **public int** updateUser(Utilizatori utilizator) {  
 SQLiteDatabase db = **this**.getWritableDatabase();  
 ContentValues values = **new** ContentValues();  
 values.put(Util.***KEY\_NAME***, utilizator.getName());  
 values.put(Util.***KEY\_USERNAME***, utilizator.getUsername());  
 values.put(Util.***KEY\_EMAIL***, utilizator.getEmail());  
 values.put(Util.***KEY\_PASSWORD***, utilizator.getPassword());  
  
 **return** db.update(Util.***TABLE\_NAME***, values, Util.***KEY\_ID*** + **" = ? "**,  
 **new** String[]{String.*valueOf*(utilizator.getId())});  
  
 }  
  
 **public int** getCount() {  
 String countQuery = **"SELECT \* FROM "** + Util.***TABLE\_NAME***;  
 SQLiteDatabase db = **this**.getReadableDatabase();  
 Cursor cursor = db.rawQuery(countQuery, **null**);  
 **return** cursor.getCount();  
 }  
}

**Cod Util.java:**

**package** com.smartsteg.mywoo.util;  
  
**public class** Util {  
 **public static final int *DATABASE\_VERSION***=1;  
 **public static final** String ***DATABASE\_NAME***=**"utilizatori\_db"**;  
 **public static final** String ***TABLE\_NAME***=**"Users"**;  
 *//se vor crea coloanele pentru tabel* **public static final** String ***KEY\_ID***=**"id"**;  
 **public static final** String ***KEY\_NAME***=**"name"**;  
 **public static final** String ***KEY\_USERNAME***=**"username"**;  
 **public static final** String ***KEY\_EMAIL***=**"email"**;  
 **public static final** String ***KEY\_PASSWORD***=**"password"**;  
  
}

**Cod Utilizatori.java:**

**package** com.smartsteg.mywoo.model;  
  
**public class** Utilizatori {  
  
 **private int id**;  
 **private** String **name**;  
 **private** String **username**;  
 **private** String **email**;  
 **private** String **password**;  
  
 **public** Utilizatori(String name, String username, String email, String password) {  
 **this**.**name** = name;  
 **this**.**username** = username;  
 **this**.**email** = email;  
 **this**.**password** = password;  
 }  
  
 **public** Utilizatori() {  
 }  
  
 **public** Utilizatori(**int** id, String name, String username, String email, String password) {  
 **this**.**id** = id;  
 **this**.**name** = name;  
 **this**.**username** = username;  
 **this**.**email** = email;  
 **this**.**password** = password;  
 }  
  
  
 **public int** getId() {  
 **return id**;  
 }  
  
 **public void** setId(**int** id) {  
 **this**.**id** = id;  
 }  
  
 **public** String getName() {  
 **return name**;  
 }  
  
 **public void** setName(String name) {  
 **this**.**name** = name;  
 }  
  
 **public** String getUsername() {  
 **return username**;  
 }  
  
 **public void** setUsername(String username) {  
 **this**.**username** = username;  
 }  
  
 **public** String getEmail() {  
 **return email**;  
 }  
  
 **public void** setEmail(String email) {  
 **this**.**email** = email;  
 }  
  
 **public** String getPassword() {  
 **return password**;  
 }  
  
 **public void** setPassword(String password) {  
 **this**.**password** = password;  
 }  
}