Código Login y clave (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"

tools:context=".MainActivity">

<LinearLayout

android:id="@+id/linearLayout"

android:layout\_width="match\_parent"

android:layout\_height="120dp"

android:layout\_marginTop="24dp"

android:layout\_marginBottom="587dp"

android:orientation="horizontal"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent">

<TextView

android:id="@+id/tvmensaje1"

android:layout\_width="wrap\_content"

android:layout\_height="match\_parent"

android:layout\_weight="1"

android:gravity="center"

android:text="Ingreso"

android:textSize="50dp" />

</LinearLayout>

<LinearLayout

android:id="@+id/linearLayout2"

android:layout\_width="match\_parent"

android:layout\_height="100dp"

android:layout\_marginBottom="487dp"

android:orientation="horizontal"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toBottomOf="@+id/linearLayout">

<EditText

android:id="@+id/etusuario"

android:layout\_width="wrap\_content"

android:layout\_height="112dp"

android:layout\_weight="1"

android:ems="10"

android:textSize="50dp"

android:gravity="center"

android:inputType="textPersonName"

android:hint="Digite el usuario" />

</LinearLayout>

<LinearLayout

android:id="@+id/linearLayout3"

android:layout\_width="match\_parent"

android:layout\_height="100dp"

android:layout\_marginBottom="386dp"

android:orientation="horizontal"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toBottomOf="@+id/linearLayout2">

<EditText

android:id="@+id/etclave"

android:layout\_width="wrap\_content"

android:layout\_height="match\_parent"

android:layout\_weight="1"

android:ems="10"

android:hint="Digite clave"

android:textSize="50dp"

android:gravity="center"

android:inputType="textPassword" />

</LinearLayout>

<LinearLayout

android:id="@+id/linearLayout4"

android:layout\_width="match\_parent"

android:layout\_height="100dp"

android:layout\_marginBottom="286dp"

android:orientation="horizontal"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toBottomOf="@+id/linearLayout3">

<Button

android:id="@+id/btingresar"

android:layout\_width="wrap\_content"

android:layout\_height="match\_parent"

android:layout\_weight="1"

android:textSize="50dp"

android:gravity="center"

android:text="Ingresar" />

</LinearLayout>

<LinearLayout

android:layout\_width="match\_parent"

android:layout\_height="100dp"

android:layout\_marginBottom="186dp"

android:orientation="horizontal"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toBottomOf="@+id/linearLayout4">

<Button

android:id="@+id/btregistrarse"

android:layout\_width="wrap\_content"

android:layout\_height="match\_parent"

android:layout\_weight="1"

android:onClick="registrarse"

android:textSize="50dp"

android:gravity="center"

android:text="Registrarse" />

</LinearLayout>

</androidx.constraintlayout.widget.ConstraintLayout>

Código Registrarse

<?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"

tools:context=".RegistrarseActivity">

<LinearLayout

android:id="@+id/linearLayout5"

android:layout\_width="match\_parent"

android:layout\_height="100dp"

android:layout\_marginTop="5dp"

android:layout\_marginBottom="626dp"

android:orientation="horizontal"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent">

<TextView

android:id="@+id/tvregistrarse"

android:layout\_width="wrap\_content"

android:layout\_height="match\_parent"

android:textSize="50dp"

android:gravity="center"

android:layout\_weight="1"

android:text="Registrarse" />

</LinearLayout>

<LinearLayout

android:id="@+id/linearLayout6"

android:layout\_width="match\_parent"

android:layout\_height="80dp"

android:layout\_marginBottom="545dp"

android:orientation="horizontal"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toBottomOf="@+id/linearLayout5">

<EditText

android:id="@+id/etusuario"

android:layout\_width="wrap\_content"

android:layout\_height="match\_parent"

android:layout\_weight="1"

android:textSize="40dp"

android:gravity="center"

android:ems="10"

android:inputType="textPersonName"

android:hint="Digite el Usuario" />

</LinearLayout>

<LinearLayout

android:id="@+id/linearLayout7"

android:layout\_width="match\_parent"

android:layout\_height="80dp"

android:layout\_marginBottom="465dp"

android:orientation="horizontal"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toBottomOf="@+id/linearLayout6">

<EditText

android:id="@+id/etnombre"

android:layout\_width="wrap\_content"

android:layout\_height="match\_parent"

android:layout\_weight="1"

android:textSize="40dp"

android:gravity="center"

android:ems="10"

android:inputType="textPersonName"

android:hint="Digite el Nombre" />

</LinearLayout>

<LinearLayout

android:id="@+id/linearLayout8"

android:layout\_width="match\_parent"

android:layout\_height="80dp"

android:layout\_marginBottom="385dp"

android:orientation="horizontal"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toBottomOf="@+id/linearLayout7">

<EditText

android:id="@+id/etclave1"

android:layout\_width="wrap\_content"

android:layout\_height="match\_parent"

android:layout\_weight="1"

android:hint="Digite la clave"

android:textSize="40dp"

android:gravity="center"

android:ems="10"

android:inputType="textPassword" />

</LinearLayout>

<LinearLayout

android:id="@+id/linearLayout9"

android:layout\_width="match\_parent"

android:layout\_height="80dp"

android:layout\_marginBottom="305dp"

android:orientation="horizontal"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toBottomOf="@+id/linearLayout8">

<EditText

android:id="@+id/etclave2"

android:layout\_width="wrap\_content"

android:layout\_height="match\_parent"

android:textSize="40dp"

android:gravity="center"

android:hint="Digite la clave"

android:layout\_weight="1"

android:ems="10"

android:inputType="textPassword" />

</LinearLayout>

<LinearLayout

android:id="@+id/linearLayout10"

android:layout\_width="match\_parent"

android:layout\_height="80dp"

android:layout\_marginBottom="225dp"

android:orientation="horizontal"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toBottomOf="@+id/linearLayout9">

<Button

android:id="@+id/btconsultar"

android:layout\_width="183dp"

android:layout\_height="match\_parent"

android:layout\_weight="1"

android:gravity="center"

android:onClick="consultar"

android:text="Consultar"

android:textSize="20dp" />

<Button

android:id="@+id/btAdicionar"

android:layout\_width="wrap\_content"

android:textSize="20dp"

android:gravity="center"

android:onClick="adicionar\_persona"

android:layout\_height="80dp"

android:layout\_weight="1"

android:text="Adicionar" />

</LinearLayout>

<LinearLayout

android:id="@+id/linearLayout11"

android:layout\_width="match\_parent"

android:layout\_height="80dp"

android:layout\_marginBottom="145dp"

android:orientation="horizontal"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toBottomOf="@+id/linearLayout10">

<Button

android:id="@+id/btModificar"

android:layout\_width="171dp"

android:layout\_height="match\_parent"

android:layout\_weight="1"

android:gravity="center"

android:onClick="modificar"

android:text="Modificar"

android:textSize="20dp" />

<Button

android:id="@+id/btEliminar"

android:layout\_width="wrap\_content"

android:textSize="20dp"

android:gravity="center"

android:onClick="eliminar"

android:layout\_height="80dp"

android:layout\_weight="1"

android:text="Eliminar" />

</LinearLayout>

<LinearLayout

android:layout\_width="match\_parent"

android:layout\_height="80dp"

android:layout\_marginBottom="65dp"

android:orientation="horizontal"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toBottomOf="@+id/linearLayout11">

<Button

android:id="@+id/btLimpiar"

android:layout\_width="175dp"

android:layout\_height="match\_parent"

android:layout\_weight="1"

android:gravity="center"

android:text="Limpiar"

android:textSize="20dp" />

<Button

android:id="@+id/btRegresar"

android:layout\_width="wrap\_content"

android:textSize="20dp"

android:gravity="center"

android:layout\_height="80dp"

android:layout\_weight="1"

android:text="Regresar" />

</LinearLayout>

</androidx.constraintlayout.widget.ConstraintLayout>

Codigo clase Clspersona

package com.example.menu\_ingreso;

public class ClsPersona {

private String identificacion;

private String nombre;

private String clave;

public ClsPersona(String identificacion, String nombre, String clave) {

this.identificacion = identificacion;

this.nombre = nombre;

this.clave = clave;

}

public String getIdentificacion() {

return identificacion;

}

public void setIdentificacion(String identificacion) {

this.identificacion = identificacion;

}

public String getNombre() {

return nombre;

}

public void setNombre(String nombre) {

this.nombre = nombre;

}

public String getClave() {

return clave;

}

public void setClave(String clave) {

this.clave = clave;

}

@Override

public String toString() {

return "ClsPersona{" +

"identificacion='" + identificacion + '\'' +

", nombre='" + nombre + '\'' +

", clave='" + clave + '\'' +

'}';

}

}

Código MainActivity

package com.example.menu\_ingreso;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

public class MainActivity extends AppCompatActivity {

EditText jetusuario,jetclave;

Button jbtingresar,jbtregistrarse;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

getSupportActionBar().hide();

jetusuario=findViewById(R.id.etusuario);

jetclave=findViewById(R.id.etclave);

jbtingresar=findViewById(R.id.btingresar);

jbtregistrarse=findViewById(R.id.btregistrarse);

}

public void registrarse(View view){

Intent intregistrarse=new Intent(this,RegistrarseActivity.class);

startActivity(intregistrarse);

}

}

Código RegistrarseActivity

package com.example.ingreso\_persona23\_03;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.Toast;

import java.util.ArrayList;

public class RegistrarseActivity extends AppCompatActivity {

EditText jetusuario,jetnombre,jetclave1,jetclave2;

Button jbtconsultar,jbtadicionar,jbtmodificar,jbteliminar,jbtlimpiar,jbtregresar;

ClsPersona opersona;

ArrayList<ClsPersona> alpersona;

int pos;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_registrarse);

getSupportActionBar().hide();

jetusuario=findViewById(R.id.etusuario);

jetnombre=findViewById(R.id.etnombre);

jetclave1=findViewById(R.id.etclave1);

jetclave2=findViewById(R.id.etclave2);

jbtconsultar=findViewById(R.id.btconsultar);

jbtadicionar=findViewById(R.id.btAdicionar);

jbtmodificar=findViewById(R.id.btModificar);

jbteliminar=findViewById(R.id.btEliminar);

jbtlimpiar=findViewById(R.id.btLimpiar);

jbtregresar=findViewById(R.id.btRegresar);

alpersona=new ArrayList<ClsPersona>();

}

public void adicionar\_persona(View view){

String usuario,nombre,clave1,clave2;

usuario=jetusuario.getText().toString();

nombre=jetnombre.getText().toString();

clave1=jetclave1.getText().toString();

clave2=jetclave2.getText().toString();

if (usuario.isEmpty() || nombre.isEmpty() || clave1.isEmpty() || clave2.isEmpty()){

Toast.makeText(this,"Todos los datoa aon requeridos",Toast.LENGTH\_LONG).show();

jetusuario.requestFocus();

}

else{

if(!clave1.equals(clave2)){

Toast.makeText(this,"Las claves digitas son diferentes",Toast.LENGTH\_LONG).show();

jetclave1.setText("");

jetclave2.setText("");

jetclave1.requestFocus();

}

else{

opersona=new ClsPersona(usuario,nombre,clave1);

alpersona.add(opersona);

Toast.makeText(this,"Registro guardado",Toast.LENGTH\_LONG).show();

limpiar\_campos();

}

}

}

public void consultar\_arrayList() {

pos = 0;

int sw = 0;

String usuario = jetusuario.getText().toString();

if (usuario.isEmpty()) {

Toast.makeText(this, "La identificacion del usuario es requerida", Toast.LENGTH\_LONG).show();

jetusuario.requestFocus();

} else {

while (pos < alpersona.size() && sw == 0) {

opersona = alpersona.get(pos);

if (usuario.equals(opersona.getIdentificacion())) {

sw = 1;

} else {

pos++;

}

} //fin mientras

if (sw==0){

Toast.makeText(this, "La identificacion no esta registrado", Toast.LENGTH\_LONG).show();

pos=-1;

}

else{

jetnombre.setText(opersona.getNombre());

jetclave1.setText(opersona.getClave());

jetclave2.setText(opersona.getClave());

}

}

}

public void consultar(View view){

consultar\_arrayList();

}

public void modificar(View view){

if (pos != -1){

String usuario,nombre,clave1,clave2;

usuario=jetusuario.getText().toString();

nombre=jetnombre.getText().toString();

clave1=jetclave1.getText().toString();

clave2=jetclave2.getText().toString();

if (usuario.isEmpty() || nombre.isEmpty() || clave1.isEmpty() || clave2.isEmpty()){

Toast.makeText(this,"Todos los datoa aon requeridos",Toast.LENGTH\_LONG).show();

jetusuario.requestFocus();

}

else {

if (!clave1.equals(clave2)) {

Toast.makeText(this, "Las claves digitas son diferentes", Toast.LENGTH\_LONG).show();

jetclave1.setText("");

jetclave2.setText("");

jetclave1.requestFocus();

} else {

alpersona.get(pos).setNombre(nombre);

alpersona.get(pos).setClave(clave1);

limpiar\_campos();

}

}

}

}

public void eliminar(View view){

if (pos != -1){

alpersona.remove(pos);

Toast.makeText(this, "Registro eliminado", Toast.LENGTH\_LONG).show();

limpiar\_campos();

}

}

private void limpiar\_campos(){

jetusuario.setText("");

jetnombre.setText("");

jetclave1.setText("");

jetclave2.setText("");

jetusuario.requestFocus();

}

}