Inicio

```java
package com.example.tabs;
import android.media.MediaPlayer;
import android.net.Uri;
import android.os.Bundle;
import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;
import android.widget.VideoView;

import androidx.annotation.NonNull;
import androidx.annotation.Nullable;
import androidx.fragment.app.Fragment;

public class Inicio extends Fragment {

    VideoView mivideo;

    @Nullable
    @Override
    public View onCreateView(@NonNull LayoutInflater inflater,
            @Nullable ViewGroup container, @Nullable Bundle
            savedInstanceState) {
        View view = inflater.inflate(R.layout.xml1, container,
            false);
        mivideo = view.findViewById(R.id.video1);

        String path
="android.resource://"+getActivity().getPackageName()+"/"+R.ra
w.bienvenida;

        mivideo.setVideoURI(Uri.parse(path));
        mivideo.start();

        mivideo.setOnErrorListener(new
        MediaPlayer.OnErrorListener() {

        public boolean onError(MediaPlayer mp, int what,
        int extra) {
            // Maneja el error
            return false;
        }
```

```
            });

        mivideo.start();
            return view;


    }



}
```

Registro

```java
package com.example.tabs;

import android.os.Bundle;
import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;

import androidx.annotation.NonNull;
import androidx.annotation.Nullable;
import androidx.fragment.app.Fragment;

public class Registro extends Fragment {

    //Variables para el usuario y contraseña
    private final String USUARIO = "admin";
    private final String CONTRASENA = "1234";

    //Declaración de los elementos del formulario
    private EditText etNombre;
    private EditText etUsuario;
    private EditText etContrasena;
    private Button btnRegistrar;
```

```java
    @Nullable
    @Override
    public View onCreateView(@NonNull LayoutInflater inflater,
@Nullable ViewGroup container, @Nullable Bundle
savedInstanceState) {
        View view = inflater.inflate(R.layout.xml2, container,
false);

        //Inicialización de los elementos del formulario
        etNombre = view.findViewById(R.id.et_nombre);
        etUsuario = view.findViewById(R.id.et_usuario);
        etContrasena = view.findViewById(R.id.et_contrasena);
        btnRegistrar = view.findViewById(R.id.btn_registrar);

        //Asignación del evento onClick al botón de registro
        btnRegistrar.setOnClickListener(new
View.OnClickListener() {
            @Override
            public void onClick(View view) {
                registrarUsuario();
            }
        });

        return view;
    }

    private void registrarUsuario() {
        //Obtención de los valores ingresados por el usuario
        String nombre = etNombre.getText().toString();
        String usuario = etUsuario.getText().toString();
        String contrasena = etContrasena.getText().toString();

        //Validación de que los campos no estén vacíos
        if (nombre.isEmpty() || usuario.isEmpty() ||
contrasena.isEmpty()) {
            Toast.makeText(getContext(), "Debes llenar todos
los campos", Toast.LENGTH_SHORT).show();
            return;
        }

        //Validación de que el usuario y contraseña sean
correctos
        if (usuario.equals(USUARIO) &&
contrasena.equals(CONTRASENA)) {
```

```java
            //Mostrar mensaje de bienvenida con el nombre
            ingresado
            Toast.makeText(getContext(), "¡Bienvenido, " +
nombre + "!", Toast.LENGTH_SHORT).show();

            //Ocultar los tabs y mostrar el layout de
            bienvenida
            MainActivity activity = (MainActivity)
getActivity();
            if (activity != null) {
                //activity.mostrarBienvenida(nombre);
                //   activity.ocultarTabs();
            }
        } else {
            //Mostrar mensaje de error
            Toast.makeText(getContext(), "Usuario o contraseña
incorrectos", Toast.LENGTH_SHORT).show();
        }
    }

}
```

Main

```java
package com.example.tabs;

import android.os.Bundle;

import
com.google.android.material.floatingactionbutton.FloatingActio
nButton;
import com.google.android.material.snackbar.Snackbar;
import com.google.android.material.tabs.TabLayout;

import androidx.viewpager.widget.ViewPager;
import androidx.appcompat.app.AppCompatActivity;

import android.view.Menu;
import android.view.MenuItem;
import android.view.View;

import com.example.tabs.ui.main.SectionsPagerAdapter;
```

```java
import com.example.tabs.databinding.ActivityMainBinding;

public class MainActivity extends AppCompatActivity {

    private ActivityMainBinding binding;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);

        binding =
ActivityMainBinding.inflate(getLayoutInflater());
        setContentView(binding.getRoot());

        SectionsPagerAdapter sectionsPagerAdapter = new
SectionsPagerAdapter(this, getSupportFragmentManager());
        ViewPager viewPager = binding.viewPager;
        viewPager.setAdapter(sectionsPagerAdapter);
        TabLayout tabs = binding.tabs;
        tabs.setupWithViewPager(viewPager);


        // FloatingActionButton fab = binding.fab;

    /*  fab.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Snackbar.make(view, "Replace with your own
action", Snackbar.LENGTH_LONG)
                    .setAction("Action", null).show();
            }
        });*/
    }

}
```

Contactos

```java
package com.example.tabs;
import android.os.Bundle;
import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;

import androidx.annotation.NonNull;
import androidx.annotation.Nullable;
import androidx.fragment.app.Fragment;

public class Contactos extends Fragment {

    @Nullable
    @Override
    public View onCreateView(@NonNull LayoutInflater inflater,
    @Nullable ViewGroup container, @Nullable Bundle
    savedInstanceState) {
        return inflater.inflate(R.layout.xml3,container,false);
    }
}
```

Canciones Favoritas

```java
package com.example.tabs;
import android.os.Bundle;
import android.view.LayoutInflater;
import android.view.View;
import android.view.ViewGroup;

import androidx.annotation.NonNull;
import androidx.annotation.Nullable;
import androidx.fragment.app.Fragment;

public class Canciones_favoritas extends Fragment {

    @Nullable
    @Override
    public View onCreateView(@NonNull LayoutInflater inflater,
        @Nullable ViewGroup container, @Nullable Bundle
        savedInstanceState) {
        return inflater.inflate(R.layout.xml4,container,false);
    }
}
```

Activity Main

```xml
<?xml version="1.0" encoding="utf-8"?>
<androidx.coordinatorlayout.widget.CoordinatorLayout
    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">

    <com.google.android.material.appbar.AppBarLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:theme="@style/Theme.Tabs.AppBarOverlay">

        <TextView
            android:id="@+id/title"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:gravity="center"
            android:minHeight="?actionBarSize"
            android:padding="@dimen/appbar_padding"
            android:text="@string/app_name"

            android:textAppearance="@style/TextAppearance.Widget.AppCompat
            .Toolbar.Title" />

        <com.google.android.material.tabs.TabLayout
            android:id="@+id/tabs"
            android:layout_width="match_parent"
            android:layout_height="wrap_content" />
    </com.google.android.material.appbar.AppBarLayout>

    <androidx.viewpager.widget.ViewPager
        android:id="@+id/view_pager"
        android:layout_width="match_parent"
        android:layout_height="match_parent"

        app:layout_behavior="@string/appbar_scrolling_view_behavior"
        />
```

```xml
<com.google.android.material.floatingactionbutton.FloatingActionButton
    android:id="@+id/fab"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_gravity="bottom|end"
    android:layout_marginEnd="@dimen/fab_margin"
    android:layout_marginBottom="16dp"
    app:srcCompat="@android:drawable/ic_dialog_email" />
</androidx.coordinatorlayout.widget.CoordinatorLayout>
```

Fragment_main

```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:id="@+id/constraintLayout"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".ui.main.PlaceholderFragment">

    <TextView
        android:id="@+id/section_label"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"

        android:layout_marginStart="@dimen/activity_horizontal_margin"

        android:layout_marginTop="@dimen/activity_vertical_margin"

        android:layout_marginEnd="@dimen/activity_horizontal_margin"

        android:layout_marginBottom="@dimen/activity_vertical_margin"
        app:layout_constraintLeft_toLeftOf="parent"

        app:layout_constraintTop_toTopOf="@+id/constraintLayout"
        tools:layout_constraintLeft_creator="1"
```

```
            tools:layout_constraintTop_creator="1" />

</androidx.constraintlayout.widget.ConstraintLayout>
```

xml1

```xml
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
        android:layout_width="match_parent"
        android:layout_height="match_parent">

        <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:orientation="horizontal">

            <VideoView
            android:id="@+id/video1"
        android:layout_width="match_parent"
        android:layout_height="250dp"
        android:layout_weight="1" />


        </LinearLayout>
</androidx.constraintlayout.widget.ConstraintLayout>
```

xml2

```xml
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:gravity="center"
    android:orientation="vertical">


    <EditText
        android:id="@+id/et_nombre"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Nombre"
        />

    <EditText
        android:id="@+id/et_usuario"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Nombre"
        />

    <EditText
        android:id="@+id/et_contrasena"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Contraseña"
        android:inputType="textPassword"/>

    <Button
        android:id="@+id/btn_registrar"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Enviar"/>

</LinearLayout>
```

xml3

```xml
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:orientation="horizontal">

        <TextView
            android:id="@+id/textView3"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_weight="1"
            android:text="TextView2" />
    </LinearLayout>
</androidx.constraintlayout.widget.ConstraintLayout>
```

xml4

```xml
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:orientation="horizontal">

        <TextView
            android:id="@+id/textView4"
            android:layout_width="wrap_content"
```

```
            android:layout_height="wrap_content"
            android:layout_weight="1"
            android:text="TextView3" />
        </LinearLayout>
</androidx.constraintlayout.widget.ConstraintLayout>
```