**Nizar Sanchez(2018-6482)**

Una app que me pida el nombre en una actividad solo para eso y luego al presionar un botón me envié a un perfil donde aparezca un listview con palabras ejemplo: el mas bello, el mejor, el malo, el grande, el que mejor programa, etc y al presionar una me envié a otra ventana con un párrafo similar al que puse, elige el que quieras, con la opción elegida concatenada ejemplo:  "soy Freidy Nuñez el mejor y te invito a compartir un día de campo conmigo programando y tomando unas copas de vino."  todo lo que pongas excepto el nombre y la palabra son fijos luego eso me permita compartirlo en whatsapp, poder enviarlo por mensaje, o copiarlo al porta-papeles, y si quiero volver a iniciar con otro nombre que el app me permita ir a la ventana principal. o a la ventana del listview para elegir otra palabra

AndroidManifest.xml

<?xml version="1.0" encoding="utf-8"?>

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

package="com.example.tarea5" >

<application

android:allowBackup="true"

android:icon="@mipmap/ic\_launcher"

android:label="@string/app\_name"

android:roundIcon="@mipmap/ic\_launcher\_round"

android:supportsRtl="true"

android:theme="@style/AppTheme" >

<activity android:name=".MainActivity" >

<intent-filter>

<action android:name="android.intent.action.MAIN" />

<category android:name="android.intent.category.LAUNCHER" />

</intent-filter>

</activity>

<activity android:name=".ListActivity"

android:parentActivityName=".MainActivity"

>

</activity>

<activity android:name=".ResultActivity"

>

</activity>

</application>

</manifest>

**SingleActivityFragment.java**

package com.example.tarea5;

import android.os.Bundle;

import androidx.annotation.Nullable;

import androidx.appcompat.app.AppCompatActivity;

import androidx.fragment.app.Fragment;

import androidx.fragment.app.FragmentManager;

public abstract class SingleActivityFragment extends AppCompatActivity {

protected Fragment mFragment;

protected abstract Fragment createFragment();

@Override

protected void onCreate(@Nullable Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.*single\_activity\_fragment*);

FragmentManager fm = getSupportFragmentManager();

mFragment = fm.findFragmentById(R.id.*single\_fragment\_container*);

if(mFragment ==null){

mFragment = createFragment();

fm.beginTransaction().add(R.id.*single\_fragment\_container*,mFragment).commit();

}

}

}

**MainActivity.java**

package com.example.tarea5;

import androidx.fragment.app.Fragment;

import android.os.Bundle;

public class MainActivity extends SingleActivityFragment{

@Override

protected Fragment createFragment() {

return new MainFragment();

}

}

**MainFragment.java**

package com.example.tarea5;

import android.content.Intent;

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 androidx.annotation.NonNull;

import androidx.annotation.Nullable;

import androidx.fragment.app.Fragment;

public class MainFragment extends Fragment {

public static final String *NAME* = "NAME";

private EditText mEditText;

private Button mButton;

@Nullable

@Override

public View onCreateView(@NonNull LayoutInflater inflater, @Nullable ViewGroup container, @Nullable Bundle savedInstanceState) {

View view = inflater.inflate(R.layout.*main\_fragment*,null,false);

mEditText = view.findViewById(R.id.*edit\_text\_name*);

mButton = view.findViewById(R.id.*button\_next*);

mButton.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

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

Intent intent = new Intent(getContext(), ListActivity.class);

intent.putExtra(*NAME*,name);

startActivity(intent);

}

});

return view;

}

}

**ListActivity.java**

**package com.example.tarea5;**

import androidx.fragment.app.Fragment;

public class ListActivity extends SingleActivityFragment {

@Override

protected Fragment createFragment() {

return new ListFragment();

}

}

**ListFragment.java**

**package com.example.tarea5;**

import android.content.Intent;

import android.content.res.Resources;

import android.os.Bundle;

import android.view.LayoutInflater;

import android.view.View;

import android.view.ViewGroup;

import android.widget.TextView;

import androidx.annotation.NonNull;

import androidx.annotation.Nullable;

import androidx.fragment.app.Fragment;

import androidx.recyclerview.widget.LinearLayoutManager;

import androidx.recyclerview.widget.RecyclerView;

import java.util.ArrayList;

import java.util.List;

public class ListFragment extends Fragment {

public static final String *ADJECTIVE*="ADJECTIVE";

private RecyclerView mRecyclerView;

private ItemAdapter mAdapter;

@Nullable

@Override

public View onCreateView(@NonNull LayoutInflater inflater, @Nullable ViewGroup container, @Nullable Bundle savedInstanceState) {

View view = inflater.inflate(R.layout.*list\_fragment*,null,false);

mRecyclerView = view.findViewById(R.id.*recycler\_view*);

mRecyclerView.setLayoutManager(new LinearLayoutManager(getActivity()));

updateUI();

return view;

}

private class ItemHolder extends RecyclerView.ViewHolder implements View.OnClickListener{

private TextView mTextView;

private String mText;

public ItemHolder(LayoutInflater inflater, ViewGroup parent){

super(inflater.inflate(R.layout.*list\_item*,parent,false));

mTextView = (TextView) itemView.findViewById(R.id.*text\_view*);

itemView.setOnClickListener(this);

}

public void bind(String text){

mText = text;

mTextView.setText(mText);

}

@Override

public void onClick(View v) {

String name = getActivity().getIntent().getStringExtra(MainFragment.*NAME*);

Intent intent = new Intent(getContext(),ResultActivity.class);

intent.putExtra(MainFragment.*NAME*,name);

intent.putExtra(*ADJECTIVE*,mText);

startActivity(intent);

}

}

private class ItemAdapter extends RecyclerView.Adapter<ItemHolder>{

private List<String> mWords;

public ItemAdapter(List<String> words){

mWords = words;

}

@NonNull

@Override

public ItemHolder onCreateViewHolder(@NonNull ViewGroup parent, int viewType) {

LayoutInflater layoutInflater = LayoutInflater.*from*(getActivity());

return new ItemHolder(layoutInflater,parent);

}

@Override

public void onBindViewHolder(@NonNull ItemHolder holder, int position) {

String word = mWords.get(position);

holder.bind(word);

}

@Override

public int getItemCount() {

return mWords.size();

}

}

private void updateUI(){

Resources resources = getResources();

String bello = resources.getString(R.string.*bello*);

String habil= resources.getString(R.string.*habil*);

String grande = resources.getString(R.string.*grande*);

String mejor = resources.getString(R.string.*mejor*);

String inteligente = resources.getString(R.string.*inteligente*);

String [] array = {bello,habil,grande,mejor,inteligente};

List<String> list = new ArrayList<>();

for (String e : array){

list.add(e);

}

mAdapter = new ItemAdapter(list);

mRecyclerView.setAdapter(mAdapter);

}

}

**ResultActivity.java**

**package com.example.tarea5;**

import androidx.fragment.app.Fragment;

public class ResultActivity extends SingleActivityFragment {

@Override

protected Fragment createFragment() {

return new ResultFragment();

}

}

**ResultFragment.java**

package com.example.tarea5;

import android.content.Intent;

import android.os.Bundle;

import android.view.LayoutInflater;

import android.view.Menu;

import android.view.MenuInflater;

import android.view.MenuItem;

import android.view.View;

import android.view.ViewGroup;

import android.widget.Button;

import android.widget.TextView;

import androidx.annotation.NonNull;

import androidx.annotation.Nullable;

import androidx.fragment.app.Fragment;

public class ResultFragment extends Fragment {

private String mName;

private TextView mTextView;

private Button mButtonHome;

private Button mButtonList;

@Nullable

@Override

public View onCreateView(@NonNull LayoutInflater inflater, @Nullable ViewGroup container, @Nullable Bundle savedInstanceState) {

View view = inflater.inflate(R.layout.*result\_fragment*,null,false);

mTextView = view.findViewById(R.id.*sentence\_textview*);

mTextView.setText(getSentence());

mButtonHome = view.findViewById(R.id.*btn\_home*);

mButtonList = view.findViewById(R.id.*btn\_list*);

mButtonList.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

Intent i = new Intent(getContext(),ListActivity.class);

i.putExtra(MainFragment.*NAME*,mName);

i.addFlags(Intent.*FLAG\_ACTIVITY\_CLEAR\_TOP*);

startActivity(i);

getActivity().finish();

}

});

mButtonHome.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

Intent i = new Intent(getContext(),MainActivity.class);

i.addFlags(Intent.*FLAG\_ACTIVITY\_CLEAR\_TOP*);

startActivity(i);

getActivity().finish();

}

});

return view;

}

@Override

public void onCreate(@Nullable Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setHasOptionsMenu(true);

}

@Override

public void onCreateOptionsMenu(@NonNull Menu menu, @NonNull MenuInflater inflater) {

super.onCreateOptionsMenu(menu, inflater);

inflater.inflate(R.menu.*result\_fragment*,menu);

}

private String getSentence(){

mName = getActivity().getIntent().getStringExtra(MainFragment.*NAME*);

String adjective = getActivity().getIntent().getStringExtra(ListFragment.*ADJECTIVE*);

String sentence = getResources().getString(R.string.*sentence*,mName,adjective);

return sentence;

}

@Override

public boolean onOptionsItemSelected(@NonNull MenuItem item) {

switch (item.getItemId()){

case R.id.*share*:

sendReport();

return true;

default:

return super.onOptionsItemSelected(item);

}

}

private void sendReport(){

Intent i = new Intent(Intent.*ACTION\_SEND*);

i.setType("text/plain");

i.putExtra(Intent.*EXTRA\_TEXT*,getSentence());

startActivity(i);

}

@Override

public void onSaveInstanceState(@NonNull Bundle outState) {

super.onSaveInstanceState(outState);

}

}

**ExampleInstrumentedTest.java**

**package com.example.tarea5;**

import android.content.Context;

import androidx.test.platform.app.InstrumentationRegistry;

import androidx.test.ext.junit.runners.AndroidJUnit4;

import org.junit.Test;

import org.junit.runner.RunWith;

import static org.junit.Assert.\*;

*/\*\**

*\* Instrumented test, which will execute on an Android device.*

*\**

*\** ***@see*** *<a href="http://d.android.com/tools/testing">Testing documentation</a>*

*\*/*

@RunWith(AndroidJUnit4.class)

public class ExampleInstrumentedTest {

@Test

public void useAppContext() {

// Context of the app under test.

Context appContext = InstrumentationRegistry.*getInstrumentation*().getTargetContext();

*assertEquals*("com.example.tarea5", appContext.getPackageName());

}

}

**ExampleUnitTest.java**

**package com.example.tarea5;**

import org.junit.Test;

import static org.junit.Assert.\*;

*/\*\**

*\* Example local unit test, which will execute on the development machine (host).*

*\**

*\** ***@see*** *<a href="http://d.android.com/tools/testing">Testing documentation</a>*

*\*/*

public class ExampleUnitTest {

@Test

public void addition\_isCorrect() {

*assertEquals*(4, 2 + 2);

}

}

**BuildConfig.java**

***/\*\****

*\* Automatically generated file. DO NOT MODIFY*

*\*/*

package com.example.tarea5;

public final class BuildConfig {

public static final boolean *DEBUG* = Boolean.*parseBoolean*("true");

public static final String *APPLICATION\_ID* = "com.example.tarea5";

public static final String *BUILD\_TYPE* = "debug";

public static final String *FLAVOR* = "";

public static final int *VERSION\_CODE* = 1;

public static final String *VERSION\_NAME* = "1.0";

}

**BuildConfig.java**

***/\*\****

*\* Automatically generated file. DO NOT MODIFY*

*\*/*

package com.example.tarea5.test;

public final class BuildConfig {

public static final boolean *DEBUG* = Boolean.*parseBoolean*("true");

public static final String *APPLICATION\_ID* = "com.example.tarea5.test";

public static final String *BUILD\_TYPE* = "debug";

public static final String *FLAVOR* = "";

public static final int *VERSION\_CODE* = 1;

public static final String *VERSION\_NAME* = "1.0";

}

**list\_fragment.xml**

**<androidx.recyclerview.widget.RecyclerView**

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

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:id="@+id/recycler\_view"

/>

**list\_item.xml**

**<?xml version="1.0" encoding="utf-8"?>**

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

android:orientation="vertical" android:layout\_width="match\_parent"

android:layout\_height="wrap\_content">

<TextView

android:id="@+id/text\_view"

android:layout\_width="392dp"

android:layout\_height="34dp"

android:text="TextView"

android:textSize="18sp" />

</LinearLayout>

**main\_fragment.xml**

**<?xml version="1.0" encoding="utf-8"?>**

<LinearLayout

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

xmlns:tools="http://schemas.android.com/tools"

xmlns:app="http://schemas.android.com/apk/res-auto"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context=".MainActivity"

android:orientation="vertical">

<EditText

android:id="@+id/edit\_text\_name"

android:layout\_width="match\_parent"

android:layout\_height="49dp"

android:ems="10"

android:hint="@string/name\_hint"

android:inputType="textPersonName"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.0"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.526" />

<Button

android:id="@+id/button\_next"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:text="@string/step\_text"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="1.0"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.582" />

</LinearLayout>

**result\_fragment.xml**

<?xml version="1.0" encoding="utf-8"?>

<LinearLayout

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:orientation="vertical">

<TextView

android:id="@+id/sentence\_textview"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:textSize="12sp"

android:freezesText="true"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.419"

/>

<LinearLayout

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:orientation="horizontal"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

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

<Button

android:id="@+id/btn\_home"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="@string/home" />

<Button

android:id="@+id/btn\_list"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="@string/list" />

</LinearLayout>

</LinearLayout>

**single\_activity\_fragment.xml**

**<?xml version="1.0" encoding="utf-8"?>**

<FrameLayout

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

android:orientation="vertical"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:id="@+id/single\_fragment\_container"

>

</FrameLayout>

**result\_fragment.xml**

**<?xml version="1.0" encoding="utf-8"?>**

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

xmlns:app="http://schemas.android.com/apk/res-auto">

<item

android:id="@+id/share"

android:icon="@drawable/ic\_share"

android:title="@string/share"

app:showAsAction="ifRoom|withText"

></item>

</menu>

**ic\_launcher.xml**

**<?xml version="1.0" encoding="utf-8"?>**

<adaptive-icon xmlns:android="http://schemas.android.com/apk/res/android">

<background android:drawable="@drawable/ic\_launcher\_background"/>

<foreground android:drawable="@drawable/ic\_launcher\_foreground"/>

</adaptive-icon>

**ic\_launcher\_round.xml**

**<?xml version="1.0" encoding="utf-8"?>**

<adaptive-icon xmlns:android="http://schemas.android.com/apk/res/android">

<background android:drawable="@drawable/ic\_launcher\_background"/>

<foreground android:drawable="@drawable/ic\_launcher\_foreground"/>

</adaptive-icon>

**colors.xml**

**<?xml version="1.0" encoding="utf-8"?>**

<resources>

<color name="colorPrimary">#008577</color>

<color name="colorPrimaryDark">#00574B</color>

<color name="colorAccent">#D81B60</color>

</resources>

**strings.xml**

<resources>

<string name="app\_name">Tarea5</string>

<string name="name\_hint">Enter your name here</string>

<string name="step\_text">Next Step</string>

<string name="bello">el mas bello</string>

<string name="mejor">el mejor</string>

<string name="inteligente"> el inteligente</string>

<string name="habil">el habil</string>

<string name="grande">el grande</string>

<string name="home">Get back home</string>

<string name="sentence">Hola soy %1$s %2$s y te invito a comer un mango maracaton clasico como el campeon.

Si no lo pudiste ver, ven para que lo veas mejor. </string>

<string name="share">SHARE</string>

<string name="list">Get back to list</string>

</resources>

**styles.xml**

**<resources>**

<!-- Base application theme. -->

<style name="AppTheme" parent="Theme.AppCompat.Light.DarkActionBar">

<!-- Customize your theme here. -->

<item name="colorPrimary">@color/colorPrimary</item>

<item name="colorPrimaryDark">@color/colorPrimaryDark</item>

<item name="colorAccent">@color/colorAccent</item>

</style>

</resources>