Evidencia “DÍA 2 SEMANA 14” del 27/07:

En el ejercicio anterior del 26/07 o en un proyecto nuevo, implementar distintas variantes de producto (product flavors).

Solución:

Gráfico

Descripción generada automáticamente con confianza media Gráfico

Descripción generada automáticamente con confianza baja

Gráfico

Descripción generada automáticamente con confianza media Gráfico

Descripción generada automáticamente con confianza media

MainActivity.java

package com.debora.diferentversion;  
  
import androidx.annotation.NonNull;  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
import android.view.Menu;  
import android.view.MenuItem;  
import android.view.View;  
import androidx.appcompat.widget.Toolbar;  
import com.google.android.material.floatingactionbutton.FloatingActionButton;  
import com.google.android.material.snackbar.Snackbar;  
  
  
public class MainActivity extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 Toolbar toolbar = findViewById(R.id.*toolbar*);  
 setSupportActionBar(toolbar);  
  
 FloatingActionButton fab = findViewById(R.id.*fab*);  
 fab.setOnClickListener(v -> Snackbar.*make*(v, "Flavour: " + BuildConfig.*FLAVOR* + " En modo: " + BuildConfig.*BUILD\_TYPE*, Snackbar.*LENGTH\_LONG*)  
 .setAction("Action", null).show());  
  
 }  
  
 @Override  
 public boolean onCreateOptionsMenu(Menu menu) {  
 getMenuInflater().inflate(R.menu.*menu\_main*, menu);  
 return true;  
 }  
  
 @Override  
 public boolean onOptionsItemSelected(MenuItem item) {  
 int id = item.getItemId();  
 if(id == R.id.*action\_settings*){  
 return true;  
 }  
 return super.onOptionsItemSelected(item);  
 }  
}

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/AppTheme.AppBarOverlay">  
  
 <androidx.appcompat.widget.Toolbar  
 android:id="@+id/toolbar"  
 android:layout\_width="match\_parent"  
 android:layout\_height="?attr/actionBarSize"  
 android:background="?attr/colorPrimary"  
 app:popupTheme="@style/AppTheme.PopupOverlay" />  
  
 </com.google.android.material.appbar.AppBarLayout>  
  
 <include layout="@layout/content\_main" />  
  
 <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\_margin="@dimen/fab\_margin"  
 app:srcCompat="@android:drawable/ic\_dialog\_email" />  
  
</androidx.coordinatorlayout.widget.CoordinatorLayout>

Content\_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:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 app:layout\_behavior="@string/appbar\_scrolling\_view\_behavior"  
 tools:context=".MainActivity"  
 tools:showIn="@layout/activity\_main">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="@string/label"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintLeft\_toLeftOf="parent"  
 app:layout\_constraintRight\_toRightOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
</androidx.constraintlayout.widget.ConstraintLayout>

menu\_main.xml

<menu 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"  
 tools:context="com.debora.diferentversion.MainActivity">  
 <item  
 android:id="@+id/action\_settings"  
 android:orderInCategory="100"  
 android:title="@string/action\_settings"  
 app:showAsAction="never" />  
</menu>

Themes.xml del main

<resources xmlns:tools="http://schemas.android.com/tools">  
 <!-- Base application theme. -->  
 <style name="Theme.DiferentVersion" parent="Theme.MaterialComponents.DayNight.DarkActionBar">  
 <!-- Primary brand color. -->  
 <item name="colorPrimary">@color/purple\_500</item>  
 <item name="colorPrimaryVariant">@color/purple\_700</item>  
 <item name="colorOnPrimary">@color/white</item>  
 <!-- Secondary brand color. -->  
 <item name="colorSecondary">@color/teal\_200</item>  
 <item name="colorSecondaryVariant">@color/teal\_700</item>  
 <item name="colorOnSecondary">@color/black</item>  
 <!-- Status bar color. -->  
 <item name="android:statusBarColor" tools:targetApi="l">?attr/colorPrimaryVariant</item>  
 <!-- Customize your theme here. -->  
  
 <item name="windowActionBar">false</item>  
 <item name="windowNoTitle">true</item>  
 </style>  
</resources>

Flavour Paid:

Strings.xml

<?xml version="1.0" encoding="utf-8"?>  
<resources>  
 <string name="app\_name">Paid</string>  
 <string name="label"> Hello Paid</string>  
 <string name="action\_settings">Settings</string>  
</resources>

Themes.xml

<?xml version="1.0" encoding="utf-8"?>  
<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>  
  
 <style name="AppTheme.NoActionBar">  
 <item name="windowActionBar">false</item>  
 <item name="windowNoTitle">true</item>  
 </style>  
  
 <style name="AppTheme.AppBarOverlay" parent="ThemeOverlay.AppCompat.Dark.ActionBar" />  
  
 <style name="AppTheme.PopupOverlay" parent="ThemeOverlay.AppCompat.Light" />  
</resources>