# Tarea 4

## Github

<https://github.com/marianasrvg/T04_Moviles>

## Layout Activity Main

<?xml version="1.0" encoding="utf-8"?>  
<android.support.design.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:id="@+id/main\_content"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:fitsSystemWindows="true"  
 tools:context="com.example.mari\_.itesostore.ActivityMain">  
  
 <android.support.design.widget.AppBarLayout  
 android:id="@+id/appbar"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:paddingTop="@dimen/appbar\_padding\_top"  
 android:theme="@style/AppTheme.AppBarOverlay">  
  
 <android.support.v7.widget.Toolbar  
 android:id="@+id/toolbar"  
 android:layout\_width="match\_parent"  
 android:layout\_height="?attr/actionBarSize"  
 android:layout\_weight="1"  
 android:background="?attr/colorPrimary"  
 app:layout\_scrollFlags="scroll|enterAlways"  
 app:popupTheme="@style/AppTheme.PopupOverlay"  
 app:title="@string/app\_name">  
  
 </android.support.v7.widget.Toolbar>  
 <android.support.design.widget.TabLayout  
 android:id="@+id/tabs"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 app:tabGravity="fill"  
 app:tabMode="fixed"/>  
 </android.support.design.widget.AppBarLayout>  
  
 <android.support.v4.view.ViewPager  
 android:id="@+id/container"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 app:layout\_behavior="@string/appbar\_scrolling\_view\_behavior"/>  
  
 <android.support.design.widget.FloatingActionButton  
 android:id="@+id/fab"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="end|bottom"  
 android:layout\_margin="@dimen/fab\_margin"  
 app:srcCompat="@android:drawable/ic\_dialog\_email"/>  
  
</android.support.design.widget.CoordinatorLayout>

## Layout Activity Product

<?xml version="1.0" encoding="utf-8"?>  
<RelativeLayout  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:id="@+id/item\_product\_layout"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:layout\_editor\_absoluteX="0dp"  
 tools:layout\_editor\_absoluteY="280dp">  
  
 <ImageView  
  
 android:id="@+id/item\_product\_image"  
 android:layout\_width="match\_parent"  
 android:layout\_height="180dp"  
 android:contentDescription="@string/app\_name"  
 android:scaleType="centerInside"  
 android:src="@drawable/mac" />  
  
 <LinearLayout  
  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical"  
 android:layout\_marginTop="200dp">  
  
 <android.support.design.widget.TextInputLayout  
  
 android:id="@+id/username\_text\_input\_brand"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <EditText  
  
 android:id="@+id/item\_product\_edit\_text\_brand"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginRight="@dimen/activity\_horizontal\_margin"  
 android:layout\_marginLeft="@dimen/activity\_horizontal\_margin"  
 android:hint="@string/Edit\_title"/>  
  
 </android.support.design.widget.TextInputLayout>  
  
 <android.support.design.widget.TextInputLayout  
  
 android:id="@+id/username\_text\_input\_store"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <EditText  
 android:id="@+id/item\_product\_edit\_text\_store"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginRight="@dimen/activity\_horizontal\_margin"  
 android:layout\_marginLeft="@dimen/activity\_horizontal\_margin"  
 android:hint="@string/Edit\_store"/>  
  
 </android.support.design.widget.TextInputLayout>  
  
 <android.support.design.widget.TextInputLayout  
 android:id="@+id/username\_text\_input\_location"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <EditText  
 android:id="@+id/item\_product\_edit\_text\_location"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@id/item\_product\_edit\_text\_store"  
 android:layout\_marginRight="@dimen/activity\_horizontal\_margin"  
 android:layout\_marginLeft="@dimen/activity\_horizontal\_margin"  
 android:hint="@string/Edit\_location"/>  
  
 </android.support.design.widget.TextInputLayout>  
  
 <android.support.design.widget.TextInputLayout  
 android:id="@+id/username\_text\_input\_phone"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <EditText  
 android:id="@+id/item\_product\_edit\_text\_phone"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginRight="@dimen/activity\_horizontal\_margin"  
 android:layout\_marginLeft="@dimen/activity\_horizontal\_margin"  
 android:hint="@string/Edit\_phone"/>  
 </android.support.design.widget.TextInputLayout>  
 </LinearLayout>  
  
 <Button  
 android:id="@+id/item\_product\_button\_save"  
 android:layout\_width="196dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentBottom="true"  
 android:text="@string/Save" />  
  
 <Button  
 android:id="@+id/item\_product\_button\_cancel"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_toRightOf="@id/item\_product\_button\_save"  
 android:layout\_alignBottom="@id/item\_product\_button\_save"  
 android:text="@string/Cancel" />  
</RelativeLayout>

## Beans/ItemProduct

package com.example.mari\_.itesostore.beans;  
  
import android.os.Parcel;  
import android.os.Parcelable;  
  
public class ItemProduct implements Parcelable{  
 private int image;  
 private String title;  
 private String store;  
 private String location;  
 private String phone;  
 private String description;  
  
 public ItemProduct() {  
 setImage(0);  
 setTitle("");  
 setStore("");  
 setLocation("");  
 setPhone("");  
 setDescription("");  
 }  
  
 public ItemProduct(int image, String title, String store, String location, String phone, String description) {  
 this.image = image;  
 this.title = title;  
 this.store = store;  
 this.location = location;  
 this.phone = phone;  
 this.description = description;  
 }  
  
 protected ItemProduct(Parcel in) {  
 image = in.readInt();  
 title = in.readString();  
 store = in.readString();  
 location = in.readString();  
 phone = in.readString();  
 description = in.readString();  
 }  
  
 public int getImage() {  
 return image;  
 }  
  
 public void setImage(int image) {  
 this.image = image;  
 }  
  
 public String getTitle() {  
 return title;  
 }  
  
 public void setTitle(String title) {  
 this.title = title;  
 }  
  
 public String getStore() {  
 return store;  
 }  
  
 public void setStore(String store) {  
 this.store = store;  
 }  
  
 public String getLocation() {  
 return location;  
 }  
  
 public void setLocation(String location) {  
 this.location = location;  
 }  
  
 public String getPhone() {  
 return phone;  
 }  
  
 public void setPhone(String phone) {  
 this.phone = phone;  
 }  
  
 public String getDescription() {  
 return description;  
 }  
  
 public void setDescription(String description) {  
 this.description = description;  
 }  
  
 @Override  
 public String toString() {  
 return "ItemProduct{" +  
 "image=" + image +  
 ", title='" + title + '\'' +  
 ", store='" + store + '\'' +  
 ", location='" + location + '\'' +  
 ", phone='" + phone + '\'' +  
 ", description='" + description + '\'' +  
 '}';  
 }  
  
 public static Creator<ItemProduct> getCreator() {return *CREATOR*; }  
  
 public static final Parcelable.Creator<ItemProduct> *CREATOR* = new Parcelable.Creator<ItemProduct>() {  
 @Override  
 public ItemProduct createFromParcel(Parcel source) {  
 return new ItemProduct(source);  
 }  
  
 @Override  
 public ItemProduct[] newArray(int size) {  
 return new ItemProduct[size];  
 }  
 };  
  
 @Override  
  
 public int describeContents() {  
 return 0;  
 }  
  
 @Override  
 public void writeToParcel(Parcel dest, int flags) {  
 dest.writeInt(image);  
 dest.writeString(title);  
 dest.writeString(store);  
 dest.writeString(location);  
 dest.writeString(phone);  
 dest.writeString(description);  
 }  
}

## ActivityProduct

package com.example.mari\_.itesostore;  
  
import android.app.Activity;  
import android.content.Intent;  
import android.os.Bundle;  
import android.support.annotation.Nullable;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
  
import com.example.mari\_.itesostore.beans.ItemProduct;  
  
public class ActivityProduct extends Activity {  
 Button save;  
 Button cancel;  
 EditText title;  
 EditText store;  
 EditText location;  
 EditText phone;  
 ItemProduct itemProduct = new ItemProduct();  
  
 @Override  
 protected void onCreate(@Nullable Bundle savedInstanceState) {  
  
 super.onCreate(savedInstanceState);  
  
 setContentView(R.layout.*activity\_product*);  
  
 save = findViewById(R.id.*item\_product\_button\_save*);  
 cancel = findViewById(R.id.*item\_product\_button\_cancel*);  
 title = findViewById(R.id.*item\_product\_edit\_text\_brand*);  
 store = findViewById(R.id.*item\_product\_edit\_text\_store*);  
 location = findViewById(R.id.*item\_product\_edit\_text\_location*);  
 phone = findViewById(R.id.*item\_product\_edit\_text\_phone*);  
  
 if(getIntent().getExtras() != null) {  
 itemProduct = getIntent().getParcelableExtra("ITEM");  
 }  
 save.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 itemProduct.setTitle(title.getText().toString());  
 itemProduct.setStore(store.getText().toString());  
 itemProduct.setLocation(location.getText().toString());  
 itemProduct.setPhone(phone.getText().toString());  
 Intent intent = new Intent(v.getContext(), ActivityMain.class);  
 intent.putExtra("ITEM", itemProduct);  
 startActivity(intent);  
 }  
 });  
  
 cancel.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Intent intent = new Intent(v.getContext(), ActivityMain.class);  
 startActivity(intent);  
 }  
 });  
 }  
}

## ActivityMain

package com.example.mari\_.itesostore;  
  
import android.os.Bundle;  
import android.support.design.widget.FloatingActionButton;  
import android.support.design.widget.Snackbar;  
import android.support.design.widget.TabLayout;  
import android.support.v4.app.Fragment;  
import android.support.v4.app.FragmentManager;  
import android.support.v4.app.FragmentPagerAdapter;  
import android.support.v4.view.ViewPager;  
import android.support.v7.app.AppCompatActivity;  
import android.support.v7.widget.Toolbar;  
import android.view.Menu;  
import android.view.MenuItem;  
import android.view.View;  
  
public class ActivityMain extends AppCompatActivity {  
  
 */\*\*  
 \* The {****@link*** *android.support.v4.view.PagerAdapter} that will provide  
 \* fragments for each of the sections. We use a  
 \* {****@link*** *FragmentPagerAdapter} derivative, which will keep every  
 \* loaded fragment in memory. If this becomes too memory intensive, it  
 \* may be best to switch to a  
 \* {****@link*** *android.support.v4.app.FragmentStatePagerAdapter}.  
 \*/* private SectionsPagerAdapter mSectionsPagerAdapter;  
 ItemProduct itemProduct;  
  
 */\*\*  
 \* The {****@link*** *ViewPager} that will host the section contents.  
 \*/* private ViewPager mViewPager;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
 Toolbar toolbar = (Toolbar) findViewById(R.id.*toolbar*);  
 TabLayout tabLayout = (TabLayout) findViewById(R.id.*tabs*);  
  
 setSupportActionBar(toolbar);  
 // Create the adapter that will return a fragment for each of the three  
 // primary sections of the activity.  
 mSectionsPagerAdapter = new SectionsPagerAdapter(getSupportFragmentManager());  
  
 // Set up the ViewPager with the sections adapter.  
 mViewPager = (ViewPager) findViewById(R.id.*container*);  
 mViewPager.setAdapter(mSectionsPagerAdapter);  
 tabLayout.setupWithViewPager(mViewPager);  
 /\*FloatingActionButton fab = (FloatingActionButton) findViewById(R.id.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();  
 }  
 });\*/  
  
 }  
  
  
 @Override  
 public boolean onCreateOptionsMenu(Menu menu) {  
 // Inflate the menu; this adds items to the action bar if it is present.  
 getMenuInflater().inflate(R.menu.*menu\_activity\_main*, menu);  
 return true;  
 }  
  
 @Override  
 public boolean onOptionsItemSelected(MenuItem item) {  
 // Handle action bar item clicks here. The action bar will  
 // automatically handle clicks on the Home/Up button, so long  
 // as you specify a parent activity in AndroidManifest.xml.  
 int id = item.getItemId();  
  
 //noinspection SimplifiableIfStatement  
 if (id == R.id.*action\_settings*) {  
 return true;  
 }  
  
 return super.onOptionsItemSelected(item);  
 }  
  
 */\*\*  
 \* A {****@link*** *FragmentPagerAdapter} that returns a fragment corresponding to  
 \* one of the sections/tabs/pages.  
 \*/* public class SectionsPagerAdapter extends FragmentPagerAdapter {  
  
 public SectionsPagerAdapter(FragmentManager fm) {  
 super(fm);  
 }  
  
 @Override  
 public Fragment getItem(int position) {  
 // getItem is called to instantiate the fragment for the given page.  
 // Return a PlaceholderFragment (defined as a static inner class below).  
 switch (position){  
 case Commons.*IDX\_SECTION1*:  
 if(getIntent().getExtras() != null) {  
 Bundle bundle = new Bundle();  
 bundle.putParcelable("ITEM", getIntent().getParcelableExtra("ITEM"));  
 Fragment fragment = new FragmentTechnology();  
 fragment.setArguments(bundle);  
 return fragment;  
 } else  
 return new FragmentTechnology();  
 case Commons.*IDX\_SECTION2*:  
 return new FragmentHome();  
 case Commons.*IDX\_SECTION3*:  
 return new FragmentElectronics();  
 default:  
 return new FragmentTechnology();  
 }  
 }  
  
 @Override  
 public int getCount() {  
 // Show 3 total pages.  
 return Commons.*PAGES*;  
 }  
  
 @Override  
 public CharSequence getPageTitle(int position) {  
 switch (position){  
 case Commons.*IDX\_SECTION1*: return getString(R.string.*section\_1*).toUpperCase();  
 case Commons.*IDX\_SECTION2*: return getString(R.string.*section\_2*).toUpperCase();  
 case Commons.*IDX\_SECTION3*: return getString(R.string.*section\_3*).toUpperCase();  
 }  
 return null;  
 }  
  
  
 }  
}

## Screenshots

La aplicación no pudo ser probada ya que tenía una excepción que no pude corregir.

