Tarea 04 – reposición

Repositorio de GitHub - https://github.com/marianasrvg/T03_Moviles/tree/Tarea04

Layout

Activity_main.xml

```xml
<?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>
```

Activity_product.xml

```xml
<?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>
```

```xml
        <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>
```

JAVA

ItemProduct

```java
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;
```

```java
        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 static final Creator<ItemProduct> CREATOR = new Creator<ItemProduct>() {
        @Override
        public ItemProduct createFromParcel(Parcel in) {
            return new ItemProduct(in);
        }

        @Override
        public ItemProduct[] newArray(int size) {
            return new ItemProduct[size];
        }
    };

    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) {
```

```java
            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 + '\'' +
                '}';
    }

    @Override
    public int describeContents() {
        return 0;
    }

    @Override
    public void writeToParcel(Parcel parcel, int i) {
        parcel.writeInt(image);
        parcel.writeString(title);
        parcel.writeString(store);
        parcel.writeString(location);
        parcel.writeString(phone);
        parcel.writeString(description);
    }
}
```

ActivityProduct

```java
package com.example.mari_.itesostore;

import android.app.Activity;
import android.content.Intent;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.util.Log;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.ImageView;

import com.example.mari_.itesostore.beans.ItemProduct;

public class ActivityProduct extends Activity {
    EditText title;
    EditText store;
    EditText location;
    EditText phone;
    Button guardar;
    Button cancel;
    ImageView image;

    ItemProduct itemProduct = new ItemProduct();
```

```java
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_product);

        image = findViewById(R.id.item_product_image);
        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);
        guardar = findViewById(R.id.item_product_button_save);
        cancel = findViewById(R.id.item_product_button_cancel);

        if(getIntent().getExtras() != null){
            itemProduct = getIntent().getParcelableExtra("ITEM");
            if(itemProduct.getImage() == 0){
                image.setImageResource(R.drawable.mac);
            }else{
                image.setImageResource(R.drawable.alienware);
            }
        }
        Log.e("AUX","Estoy guardando algo");
        guardar.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Log.e("AUX","Estoy guardando algo");
                itemProduct.setTitle(title.getText().toString());
                itemProduct.setStore(store.getText().toString());
                itemProduct.setLocation(location.getText().toString());
                itemProduct.setPhone(phone.getText().toString());
                Intent intent = new Intent(view.getContext(), ActivityMain.class);
                intent.putExtra("ITEM", itemProduct);
                startActivity(intent);
            }
        });

        cancel.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Intent intent = new Intent(view.getContext(), ActivityMain.class);
                startActivity(intent);
            }
        });
    }
}
```

ActivityMain

```java
package com.example.mari_.itesostore;

import android.support.design.widget.FloatingActionButton;
import android.support.design.widget.Snackbar;
import android.support.design.widget.TabLayout;
import android.support.v7.app.AppCompatActivity;
import android.support.v7.widget.Toolbar;

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.os.Bundle;
import android.util.Log;
import android.view.LayoutInflater;
import android.view.Menu;
import android.view.MenuItem;
import android.view.View;
import android.view.ViewGroup;
```

```java
import android.widget.TextView;

import com.example.mari_.itesostore.tools.Commons;

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;

    /**
     * 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);
        Log.e("AUX","Estoy guardando algo");
        /*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);
```

```java
    }

    /**
     * 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;
                    }
                    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