# Tarea 05

Github - <https://github.com/marianasrvg/T05_Moviles>

## Recursos

### Menu

<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.iteso.test.ActivityMain">  
 <item  
 android:id="@+id/action\_privacypolicy"  
 android:orderInCategory="100"  
 android:title="@string/action\_privacy\_policy"  
 app:showAsAction="never"/>  
 <item  
 android:id="@+id/action\_logout"  
 android:orderInCategory="100"  
 android:title="@string/action\_logout"  
 app:showAsAction="never"/>  
</menu>

## Java

### ActivitySplashScreen

package com.example.mari\_.itesostore;  
  
import android.content.Intent;  
import android.content.SharedPreferences;  
import android.support.v7.app.AppCompatActivity;  
import android.os.Bundle;  
  
import com.example.mari\_.itesostore.beans.User;  
  
import java.util.Timer;  
import java.util.TimerTask;  
  
public class ActivitySplashScreen extends AppCompatActivity {  
 public static final String *MY\_PREFERENCES* = "com.iteso.tarea05.PREFERENCES";  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_splash\_screen*);  
  
 TimerTask task = new TimerTask() {  
 @Override  
 public void run() {  
 User user = loadPreferences();  
 if(user.isLogged()){  
 Intent intent = new Intent(ActivitySplashScreen.this, ActivityMain.class);  
 startActivity(intent);  
 finish();  
 }else{  
 Intent intent = new Intent(ActivitySplashScreen.this, ActivityLogin.class);  
 startActivity(intent);  
 finish();  
 }  
 }  
 };  
 Timer timer = new Timer();  
 timer.schedule(task, 2000);  
 }  
  
 public User loadPreferences(){  
 SharedPreferences sharedPreferences =  
 getSharedPreferences(*MY\_PREFERENCES*, *MODE\_PRIVATE*);  
 User user = new User();  
 user.setName(sharedPreferences.getString("NAME", "UNKNOWN"));  
 user.setPassword(sharedPreferences.getString("PDW", "1234"));  
 user.setLogged(sharedPreferences.getBoolean("LOGGED", false));  
 return user;  
 }  
}

### ActivityLogin

package com.example.mari\_.itesostore;  
  
import android.content.Intent;  
import android.content.SharedPreferences;  
import android.support.v7.app.AppCompatActivity;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
  
public class ActivityLogin extends AppCompatActivity {  
 EditText username, password;  
 Button login;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_login*);  
  
 username = findViewById(R.id.*activity\_login\_username*);  
 password = findViewById(R.id.*activity\_login\_password*);  
 login = findViewById(R.id.*activity\_login\_signin*);  
  
 login.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 savePreferences();  
 Intent intent = new Intent(ActivityLogin.this, ActivityMain.class);  
 startActivity(intent);  
 finish();  
 }  
 });  
 }  
  
 private void savePreferences() {  
 SharedPreferences sharedPreferences = getSharedPreferences(  
 ActivitySplashScreen.*MY\_PREFERENCES*, *MODE\_PRIVATE*);  
  
 SharedPreferences.Editor editor = sharedPreferences.edit();  
 editor.putString("NAME", username.getText().toString());  
 editor.putString("PWD", password.getText().toString());  
 editor.putBoolean("LOGGED", true);  
  
 editor.apply();  
 }  
}

### ActivityPrivacyPolicy

### Tools/WebAppInterface

package com.example.mari\_.itesostore;  
  
import android.content.Context;  
import android.content.DialogInterface;  
import android.content.Intent;  
import android.net.Uri;  
import android.support.v7.app.AppCompatActivity;  
import android.os.Bundle;  
import android.view.KeyEvent;  
import android.webkit.JavascriptInterface;  
import android.webkit.WebSettings;  
import android.webkit.WebView;  
import android.webkit.WebViewClient;  
import android.widget.Toast;  
  
public class ActivityPrivacyPolicy extends AppCompatActivity implements DialogInterface.OnKeyListener {  
 WebView webView;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_privacy\_policy*);  
  
 webView = findViewById(R.id.*activity\_privacy\_html*);  
 WebSettings webSettings = webView.getSettings();  
 webSettings.setJavaScriptEnabled(true);  
 webView.addJavascriptInterface(new WebAppInterface(this), "Android");  
 webView.setWebViewClient(new MyWebViewClient());  
 webView.loadUrl("file:///android\_asset/PrivacyPolicy.html");  
 }  
  
 @Override  
 public boolean onKey(DialogInterface dialogInterface, int i, KeyEvent keyEvent) {  
 return false;  
 }  
 @Override  
 public boolean onKeyDown(int keyCode, KeyEvent event){  
 if((keyCode == KeyEvent.*KEYCODE\_BACK*) && webView.canGoBack()){  
 webView.goBack();  
 return true;  
 }  
 return super.onKeyDown(keyCode, event);  
 }  
  
 private class MyWebViewClient extends WebViewClient {  
 @Override  
 public boolean shouldOverrideUrlLoading(WebView view, String url) {  
 if (Uri.*parse*(url).getHost().equals("www.iteso.mx")) {  
 return false;  
 }  
 Intent intent = new Intent(Intent.*ACTION\_VIEW*, Uri.*parse*(url));  
 startActivity(intent);  
 return true;  
 }  
 }  
  
 public class WebAppInterface {  
 Context mContext;  
 WebAppInterface(Context c) {  
 mContext = c;  
 }  
 */\*\* Show a toast from the web page \*/* @JavascriptInterface  
 public void showToast(String toast){  
 Toast.*makeText*(mContext, toast, Toast.*LENGTH\_SHORT*).show();  
 }  
 }  
}

## ScreenShots de aplicación en ejecución

### Splash screen

A screenshot of a cell phone

Description generated with very high confidence

### Activity Login

A screenshot of a cell phone

Description generated with very high confidence

### Activity Main

A screenshot of a cell phone

Description generated with very high confidence

### Activity Privacy Policy

A screenshot of a cell phone

Description generated with very high confidence

### Activity Privacy Policy with Toast

A screenshot of a cell phone

Description generated with very high confidence