

## Tarea 05

Github - [https://github.com/marianasrv/T05\\_Moviles](https://github.com/marianasrv/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 onKeyDown(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();
    }
}
```

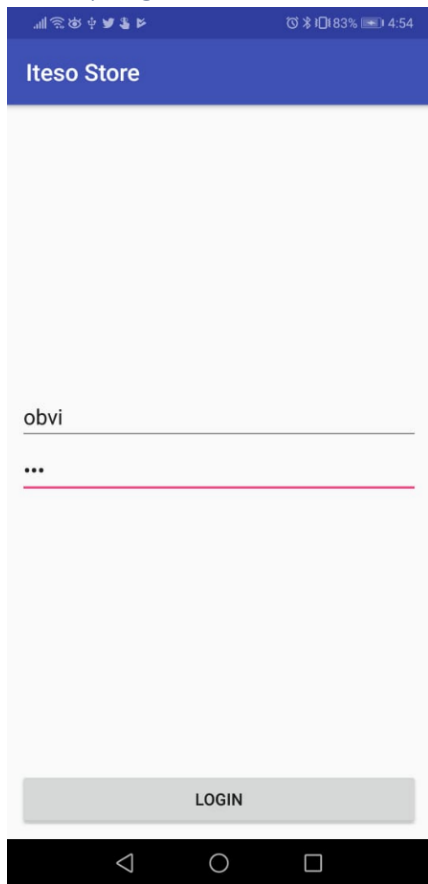
```
}  
}
```

## ScreenShots de aplicación en ejecución

### Splash screen

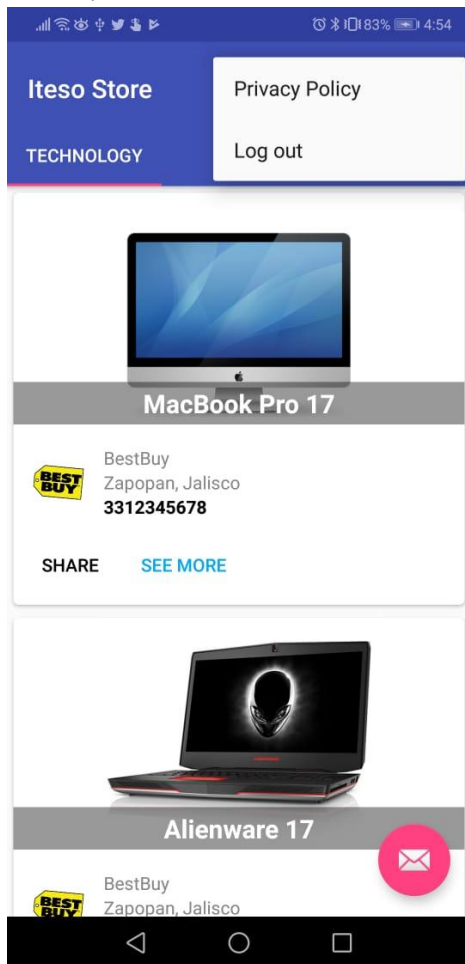


## Activity Login

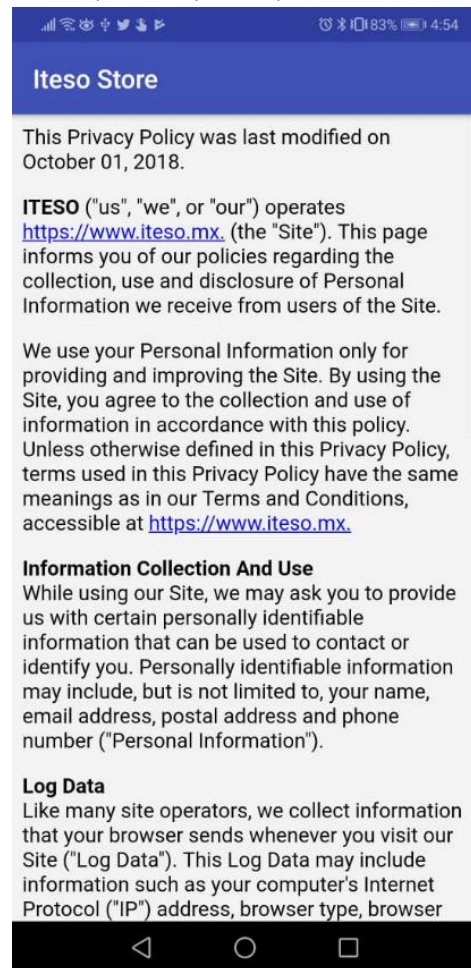


The screenshot shows a mobile application interface for 'Iteso Store'. At the top, there is a blue header bar with the text 'Iteso Store'. Below the header, the main area is white. There are two input fields: the first contains the text 'obvi' and the second contains three dots '...'. A pink horizontal line is positioned below the second input field. At the bottom of the form area, there is a grey button labeled 'LOGIN'. The status bar at the very top shows various icons and the time '4:54'. The Android navigation bar is visible at the bottom.

## Activity Main



## Activity Privacy Policy





## Activity Privacy Policy with Toast

