**Guia 18: Boton Flotante**

1. Agregar la librería de diseño en el archivo Gradle.

apply **plugin**: **'com.android.application'**

android {

compileSdkVersion 25

buildToolsVersion **"26.0.1"**

defaultConfig {

applicationId **"mobile.miempresa.com.buttonfloat"**

minSdkVersion 14

targetSdkVersion 25

versionCode 1

versionName **"1.0"**

testInstrumentationRunner **"android.support.test.runner.AndroidJUnitRunner"**

}

buildTypes {

release {

minifyEnabled **false**

proguardFiles getDefaultProguardFile(**'proguard-android.txt'**), **'proguard-rules.pro'**

}

}

}

dependencies {

compile fileTree(**dir**: **'libs'**, **include**: [**'\*.jar'**])

androidTestCompile(**'com.android.support.test.espresso:espresso-core:2.2.2'**, {

exclude **group**: **'com.android.support'**, **module**: **'support-annotations'**

})

compile **'com.android.support:appcompat-v7:25.3.1'**

compile **'com.android.support.constraint:constraint-layout:1.0.2'**

testCompile **'junit:junit:4.12'**

compile **'com.android.support:design:25.3.1'**

}

2. Modificar el archivo activty\_main.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:layout\_width="match\_parent"**

**android:layout\_height="match\_parent"**

**tools:context="mobile.miempresa.com.buttonfloat.MainActivity"**>

<**TextView**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:text="Hello World! asdfasdfasdfdsfasfasf"**

**app:layout\_constraintBottom\_toBottomOf="parent"**

**app:layout\_constraintLeft\_toLeftOf="parent"**

**app:layout\_constraintRight\_toRightOf="parent"**

**app:layout\_constraintTop\_toTopOf="parent"**/>

<**android.support.design.widget.FloatingActionButton**

**android:id="@+id/floatingActionButton"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:layout\_gravity="bottom|end"**

**android:layout\_margin="16dp"**

**android:clickable="true"**

**app:elevation="5dp"**

**app:fabSize="normal"**

**app:srcCompat="@android:drawable/ic\_menu\_add"**/>

</**android.support.design.widget.CoordinatorLayout**>

