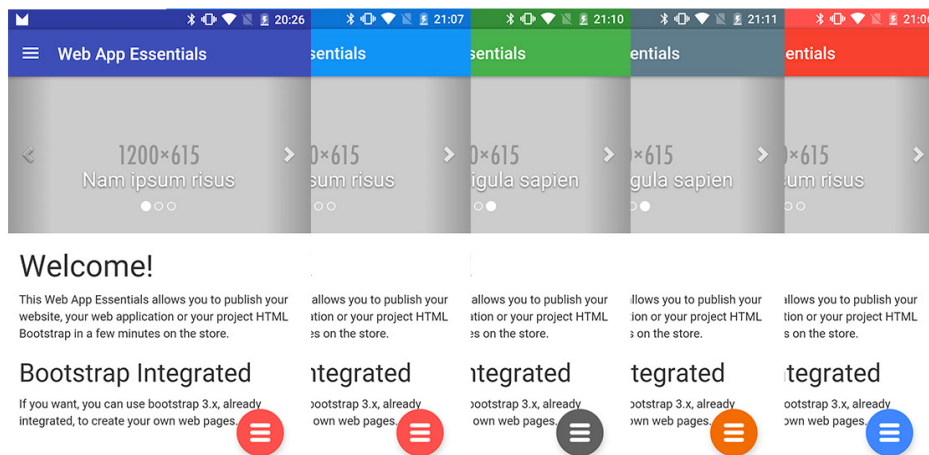
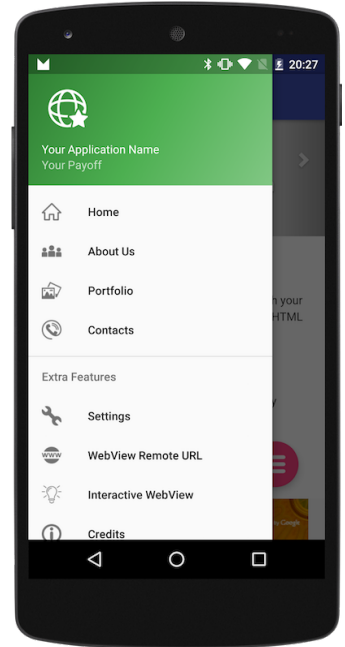


# Android Web App Essentials

## Getting Started

1. Choose your favorite version: Admob or Without AdMob
2. Import the project on Android Studio
3. Edit res -> values -> strings.xml
  1. Change *app\_name*
  2. Change *app\_payoff*
3. Choose the delay for splash screen on *splash\_delay* (milliseconds) ex. 1500 = 1,5 seconds
4. Insert your Analytics project id example: UA-XXXX-X for track visitors.
4. Replace the icon app *mipmap* -> *ic\_launcher.png*
5. Replace the small icon for menu *mipmap* -> *icon.png*
6. Replace your company logo *mipmap* -> *your\_logo.png*
7. Choose your favorite colors theme *values* -> *colors.xml*



Uncomment your favorite version and comment the first. If you want, you can change the HEX colors with yours. See this page for understand colors <https://developer.android.com/training/material/theme.html>

```
<resources>
  <!-- Standard version -->
  <color name="colorPrimary">#3F51B5</color>
  <color name="colorPrimaryDark">#303F9F</color>
  <color name="colorAccent">#FF4081</color>

  <!-- Red version
  <color name="colorPrimary">#F44336</color>
  <color name="colorPrimaryDark">#FF5252</color>
  <color name="colorAccent">#448AFF</color>
  <!--

  <!-- Blue version
  <color name="colorPrimary">#2196F3</color>
  <color name="colorPrimaryDark">#1976D2</color>
  <color name="colorAccent">#FF5252</color>
  <!--
</resources>
```

File: colors.xml

## Setup your website

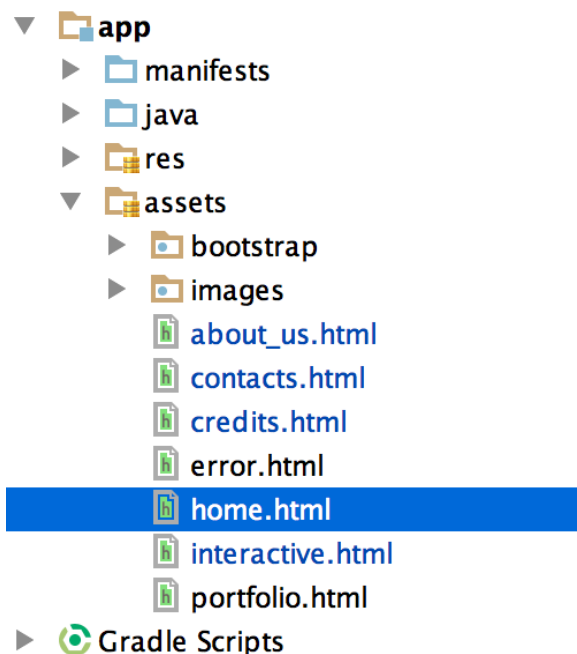
---

- Edit res -> values -> strings.xml
- For every page on menu, you can choose the type: “file” for local html file and “url” for remote web pages.

```
<string name="home_label">Home</string>
<string name="home_type">file</string>
<string name="home_url">home.html</string>

<string name="remote_label">WebView Remote URL</string>
<string name="remote_type">url</string>
<string name="remote_url">http://www.w3schools.com/</string>
```

- Edit the menu label, the type and file name or url.
- If you want use a local html, you can modify or insert your pages in *assets* directory.



If you want point to your website, you can change just the first block “Home” and put your web link.

## Set up Google Maps

---

If you want use Google Maps on Contacts page, you must insert the coordinates with editing: res -> values -> strings.xml fields to change: *coordinate\_lat* and *coordinate\_long*

To use Google Maps you must create project on you Google Api Console.

Go to this link: <https://developers.google.com/maps/documentation/android-api/> and click “GET A KEY” and follow the instructions.

When you finish, put your key on *google\_maps\_key*.

## You don't want use a Google Maps on you Contacts Page?

- Edit res -> layout -> fragment\_contacts.xml and remove the fragment block.

Edit java -> FragmentContacts and delete this lines:

```
SupportMapFragment mapFragment = (SupportMapFragment) this.getChildFragmentManager().findFragmentById(R.id.map);
mapFragment.getMapAsync(this);
```

## Set up GCM - Google Cloud Messaging

If you want the GCM for send push notifications to your customer, you must to follow this steps:

Like a google maps setup, you must to create or edit your project on Google Api Console.

Go to this link: <https://developers.google.com/mobile/add> and follow the instructions.

### Android side

Edit res -> values -> strings.xml

- Set your register.php url on the *server\_url* value
- Put your Project ID on: *google\_api\_sender\_id*

### Web Server side

1. Put the push\_panel folder on your host server (with php support)
2. Create a database and import the .sql database
3. Edit register.php and sendpush.php, change the mysql connection with your access.
4. Configure your Api KEY (from Google Api Console -> Credentials) on sendpush.php.

## How to change the left menu values

To Enable or Disable the left menu values you can edit this file:

res -> menu -> activity\_main\_drawer.xml

Comment the block like this:

```
<group android:checkableBehavior="single">
    <item
        android:id="@+id/home"
        android:icon="@mipmap/home"
        android:title="@string/home_label" />
    <item
        android:id="@+id/about_us"
        android:icon="@mipmap/about_us"
        android:title="@string/about_us_label" />
    <!--<item
        android:id="@+id/portfolio"
        android:icon="@mipmap/portfolio"
        android:title="@string/portfolio_label" /> -->
    <item
        android:id="@+id/contacts"
        android:icon="@mipmap/contacts"
        android:title="@string/contacts_label" />
</group>
```

Edit MainActivity.class and comment the line of the item:

```
} else if (id == R.id.about_us) {  
    Bundle bundle = new Bundle();  
    bundle.putString("type", "file");  
    bundle.putString("url", "about_us.html");  
    fragment = new FragmentWebInteractive();  
    fragment.setArguments(bundle);  
}  
/*else if (id == R.id.portfolio) {  
    Bundle bundle = new Bundle();  
    bundle.putString("type", getString(R.string.portfolio_type));  
    bundle.putString("url", getString(R.string.portfolio_url));  
    fragment = new FragmentWebInteractive();  
    fragment.setArguments(bundle);  
}  
*/ else if (id == R.id.contacts) {  
    fragment = new FragmentContacts();  
}  
}
```

## Enable/Disable AdMob Banner (optional)

---

If you want to use Admob, you must create your account and your banner on admob website:  
<https://www.google.com/admob/>

Create your banner and put the banner\_id on *strings.xml* -> *banner\_ad\_unit\_id*  
example *ca-app-pub-XXXXXXXXX/XXXXXX*

### How to disable AdMob banner

If you want remove AdMob, follow these steps:

1. Edit res -> layout -> content\_main.xml
2. Remove block "com.google.android.gms.ads.AdView"
3. Edit MainActivity and delete these lines:

```
// ----- AdMob Banner -----  
AdView adView = (AdView) findViewById(R.id.adView);  
AdRequest adRequest = new AdRequest.Builder().setRequestAgent("android_studio:ad_template").build();  
adView.loadAd(adRequest);
```

## Enable/Disable AdMob Interstitial (optional)

---

If you want to use Admob, you must create your account and your banner on admob website:  
<https://www.google.com/admob/>

Create your Interstitial and put the instertitial\_id on *strings.xml* -> *interstitial\_ad\_unit\_id*  
example *ca-app-pub-XXXXXXXXX/XXXXXX*

## How to disable AdMob Interstitial

If you want remove AdMob, follow these steps:

- Edit MainActivity and delete these lines:

```
// ----- AdMob Interstitial -----  
// Prepare the Interstitial Ad  
interstitial = new InterstitialAd(MainActivity.this);  
// Insert the Ad Unit ID  
interstitial.setAdUnitId(getString(R.string.interstitial_ad_unit_id));  
// Load ads into Interstitial Ads  
interstitial.loadAd(adRequest);  
  
// Prepare an Interstitial Ad Listener  
interstitial.setAdListener(new AdListener() {  
    public void onAdLoaded() {  
        // Call displayInterstitial() function  
        displayInterstitial();  
    }  
});
```

Set milliseconds delay for interstitial, change the above line on *strings.xml*  
(10000 milliseconds = 10 seconds)

```
<!-- AD Mob Publisher ID -->  
<string name="admob_interstitial_delay">10000</string>
```

## How to active RTL (Right-to-Left)

Edit this file res -> values -> strings.xml and set "true" on string: rtl\_version

```
<!-- If you want to use RTL (right to left) version, set true -->  
<string name="rtl_version">true</string>
```

## How to translate in other languages?

If you want translate the app in other languages, you can insert the translation in strings file.

Edit values -> strings.xml - You can choose 5 different strings: Default (english), German, French, Arabic, Spanish.

If you want you can add other language, you must to click "+" on the top bar.

Click the string that you want traslate above the language to translate it and write the translation.

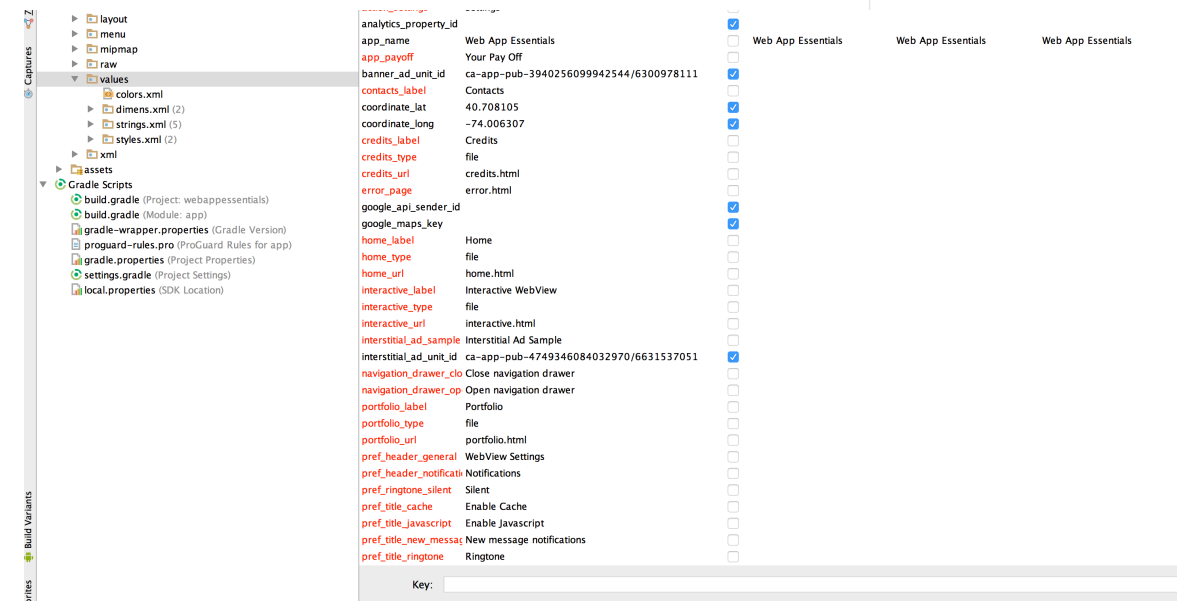
## How to disable navigation drawer? (left menu)

If you want disable the left menu (navigation drawer), you can follow this simple step:

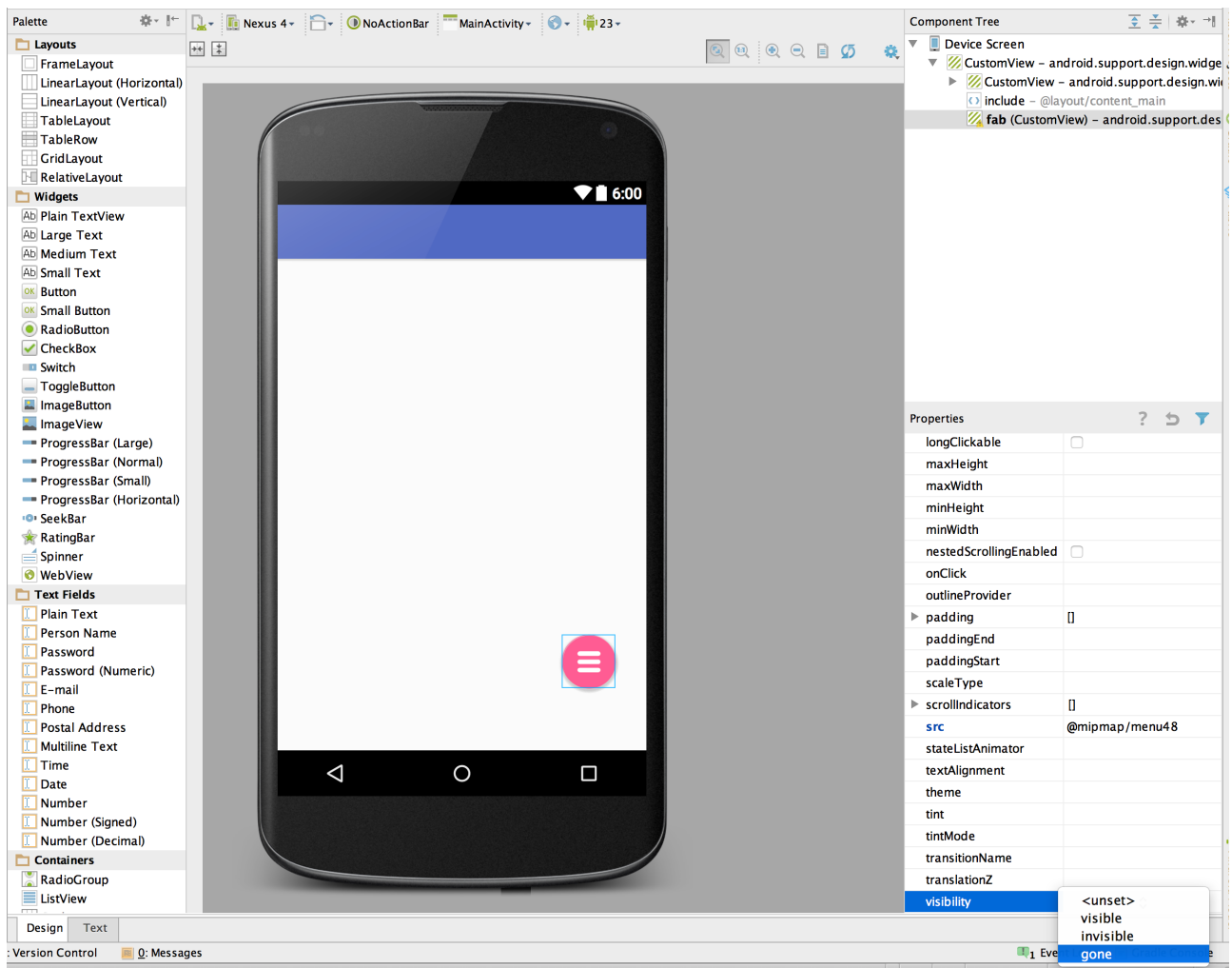
Edit MainActivity.java and after "toggle.syncState()" put this lines:

```
toggle.setDrawerIndicatorEnabled(false);  
drawer.setDrawerLockMode(DrawerLayout.LOCK_MODE_LOCKED_CLOSED);
```

```
final DrawerLayout drawer = (DrawerLayout) findViewById(R.id.drawer_layout);
ActionBarDrawerToggle toggle = new ActionBarDrawerToggle(this, drawer, toolbar, "Open navigation drawer", "Close navigation drawer");
drawer.setDrawerListener(toggle);
toggle.syncState();
toggle.setDrawerIndicatorEnabled(false);
drawer.setDrawerLockMode(DrawerLayout.LOCK_MODE_LOCKED_CLOSED);
```



and see the next step “How to disable Floating Button”



## How to disable floating button?

---

Edit `res -> layout -> app_bar_main.xml`, select the Floating Button and set "Gone" on visibility property.

## How to fix the orientation screen?

---

If your prefer version is portrait, you can fix your app in portrait or in landscape mode:

Edit `AndroidManifest.xml` and add this line:

`android:screenOrientation="portrait"`

after every "`<activity`" open tag, like this:

```
<activity
    android:screenOrientation="portrait"
    android:name=".MainActivity"
    android:label="Web App Essentials"
    android:theme="@style/AppTheme.NoActionBar" >
</activity>
```

## How to disable Notification or General settings

---

If you prefer disable Settings Notification or General, you can follow this step:

Edit `res -> xml -> pref_headers.xml` and comment the block if you want disable, like this:

```
<?xml version="1.0" encoding="utf-8"?>
<Preference-headers xmlns:android="http://schemas.android.com/apk/res/android">
    <!-- Comment next block to disable General settings -->
    <!--<header
        android:fragment="com.digitalborder.webappessentials.SettingsActivity$GeneralPreferenceFragment"
        android:title="@string/pref_header_general" android:icon="@drawable/ic_info_black_24dp" /-->

    <!-- Comment next block to disable Notification settings -->
    <!--<header
        android:fragment="com.digitalborder.webappessentials.SettingsActivity$NotificationPreferenceFragment"
        android:title="@string/pref_header_notifications"
        android:icon="@drawable/ic_notifications_black_24dp" /-->
</Preference-headers>
```

## How to choose default loader and other default settings?

---

If you want, you can choose the default loader and default general settings by code.

For example, edit `res -> xml -> pref_general.xml` and change default value where you want.

```
<PreferenceScreen xmlns:android="http://schemas.android.com/apk/res/android">

    <SwitchPreference
        android:key="pref_webview_cache"
        android:title="Enable Cache"
        android:defaultValue="false" />

    <SwitchPreference
        android:key="pref_webview_javascript"
        android:title="Enable Javascript"
        android:defaultValue="true" />

    <ListPreference
        android:key="pref_webview_loader_list"
        android:title="Loader option"
        android:defaultValue="dialog"
        android:entries="@array/pref_webview_loader_titles"
        android:entryValues="@array/pref_webview_loader_values"
        android:negativeButtonText="@null"
        android:positiveButtonText="@null" />

</PreferenceScreen>
```



For default loader, you can insert “dialog”, “pull” or “none” in *defaultValue*.

## How to change title when change page?

---

You have 2 options: Fix title of all pages or dynamic title with label page.

If you want enable/disable this option, you can insert or comment next line a line in:

MainActivity -> onNavigationItemSelected (function)

```
FragmentManager fragmentManager = getSupportFragmentManager();
fragmentManager.beginTransaction().replace(R.id.frame_container, fragment, tag).addToBackStack(null).commit();

setTitle(item.getTitle());
DrawerLayout drawer = (DrawerLayout) findViewById(R.id.drawer_layout);
drawer.closeDrawer(GravityCompat.START);
return true;
```

If you remove or comment the function *setTitle(item.getTitle());* the action bar title is every the same (name of app).

## How to change Share Text and Share link?

---

When you press the Share button, you can share the app link with mail, whatsapp, sms and more...

You can insert your text and the play store link of your app.

Edit strings.xml and Change the item: “share\_text” and “share\_item”

### If you want disable Share button

You can edit MainActivity.java and comment this line:

```
inflater.inflate(R.menu.main, menu);
```

## Preparing to publish on Play Store

---

Change the package name, because the name of package is unique on play store.

Right click on package and rename it:

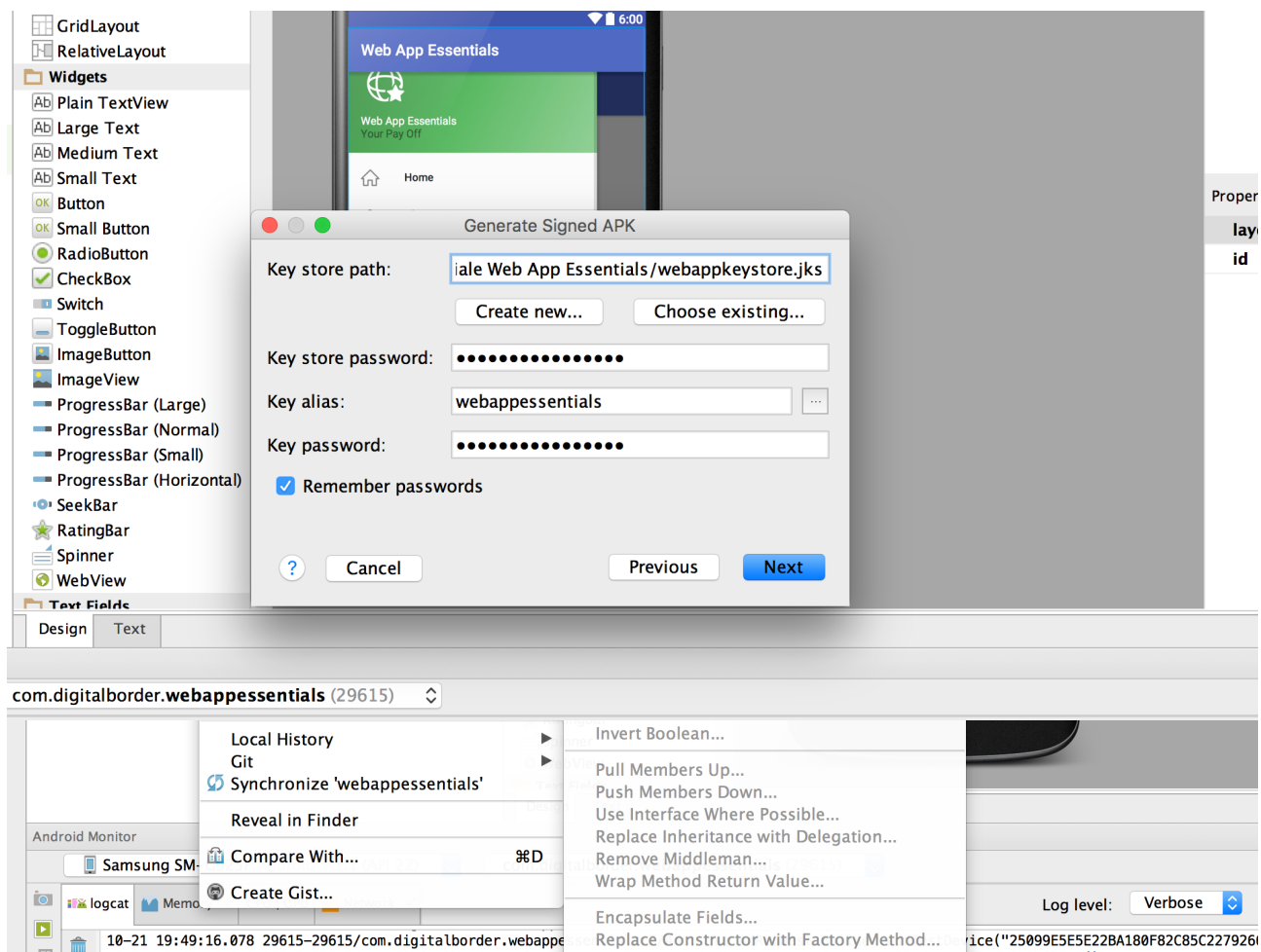
After renaming, build your project and check all functions. If all is ok, generate Signed APK:

Click Build -> Generated Signed APK.

Create your Key, set your password and build it!

Upload the apk file in your Play Store Developer Account and good luck!





**For any questions insert a comment**

**<http://codecanyon.net/item/native-web-app-essentials/13183329>**

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