

# **WEB VIEW**

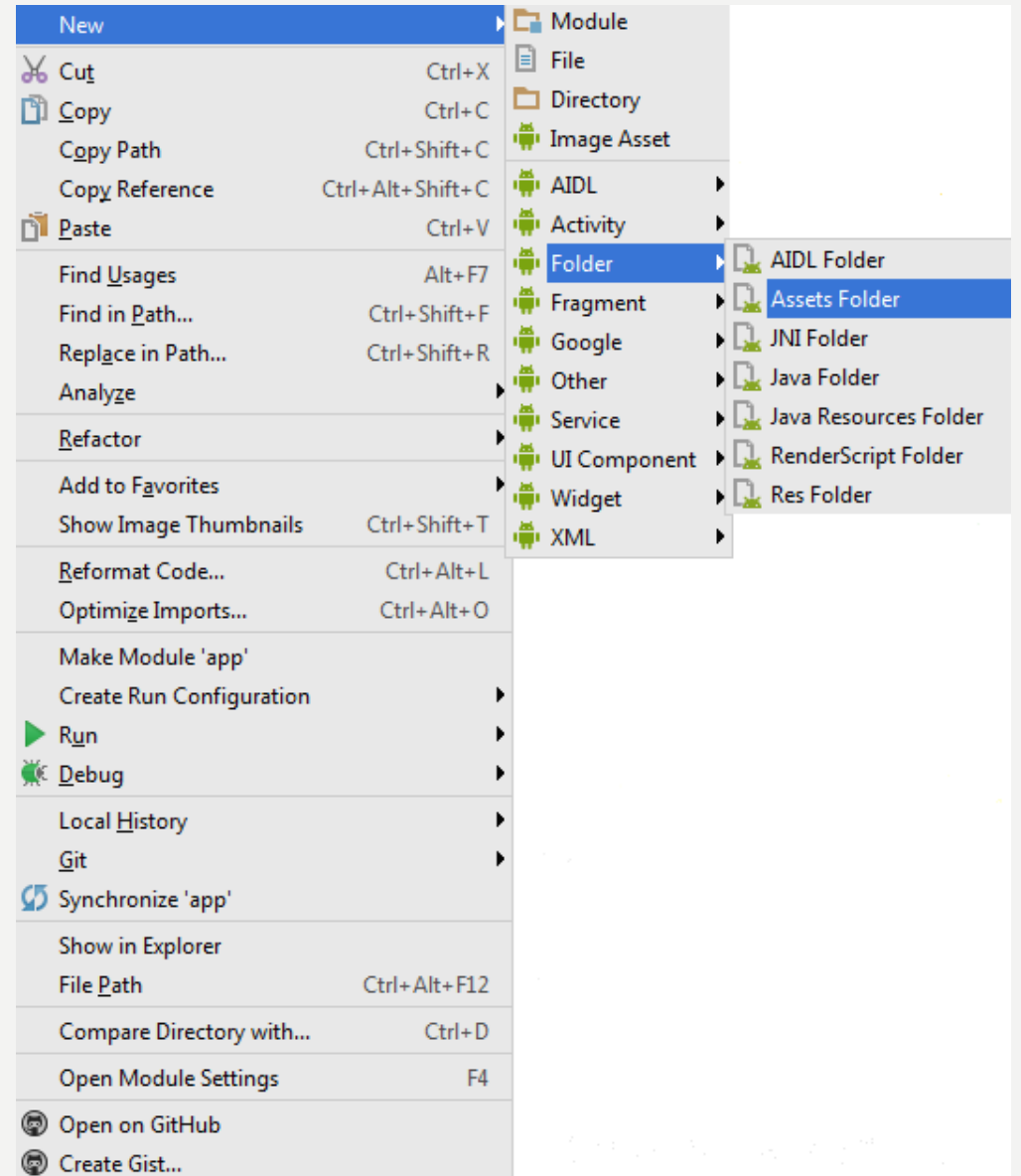
**PROF. ME.  
HÉLIO  
ESPERIDIÃO**

# WEBVIEW

- **WebView** é um componente do SDK Android que permite aos desenvolvedores exibirem e renderizarem conteúdos de páginas da web como sites e blogs dentro do seu aplicativo através da Activity.

# ASSET FOLDER

- Local onde serão armazenados os arquivos web
- Posicione nesta pasta os arquivos :
  - Html
  - Css
  - Javascript
  - bootstrap



# POSICIONE NA PASTA ASSETS SEUS ARQUIVO

- Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Bootstrap Example</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/css/bootstrap.min.css">
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/js/bootstrap.min.js"></script>
</head>
<body>

<div class="container">
  <h2>Button Styles</h2>
  <button type="button" class="btn">Basic</button>
  <button type="button" class="btn btn-default">Default</button>
  <button type="button" class="btn btn-primary">Primary</button>
  <button type="button" class="btn btn-success">Success</button>
  <button type="button" class="btn btn-info">Info</button>
  <button type="button" class="btn btn-warning">Warning</button>
  <button type="button" class="btn btn-danger">Danger</button>
  <button type="button" class="btn btn-link">Link</button>
</div>

</body>
</html>
```

# MANIFEST (PERMISSÃO PARA INTERNET)

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.helioesperidiao.minhaagenda01">
    <uses-permission android:name="android.permission.INTERNET" />
    <application
        android:allowBackup="true"
        android:icon="@mipmap/ic_launcher"
        android:label="@string/app_name"
        android:roundIcon="@mipmap/ic_launcher_round"
        android:supportsRtl="true"
        android:theme="@style/AppTheme">
        <activity android:name=".MainActivity">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />

                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
    </application>
</manifest>
```

# POSICIONANDO O WEBVIEW

```
<?xml version="1.0" encoding="utf-8"?>
<android.support.constraint.ConstraintLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".MainActivity">

    <WebView
        android:id="@+id/activity_main_webview"
        android:layout_width="match_parent"
        android:layout_height="match_parent" />

</android.support.constraint.ConstraintLayout>
```

# ONCREATE

```
public class MainActivity extends AppCompatActivity {

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

        ActionBar actionBar = getSupportActionBar();
        actionBar.hide();

        //Permite acesso a arquivos versões mais novas do android
        if(Build.VERSION.SDK_INT >= 24) {
            try{
                Method m = StrictMode.class.getMethod("disableDeathOnFileUriExposure");
                m.invoke(null);
            } catch (Exception e) {
                e.printStackTrace();
            }
        }

        WebView mWebView;
        mWebView = (WebView) findViewById(R.id.activity_main_webview);
    }
}
```

# ONCREATE

```
WebSettings webSettings = mWebView.getSettings();
//prioridade de processamento
webSettings.setRenderPriority(WebSettings.RenderPriority.HIGH);
//Libera a execução de javascript
webSettings.setJavaScriptEnabled(true);

//autorizações de aceleração para versões diferentes
if (Build.VERSION.SDK_INT >= Build.VERSION_CODES.KITKAT) {
    // chromium, enable hardware acceleration
    mWebView.setLayerType(View.LAYER_TYPE_HARDWARE, null);
} else {
    // older android version, disable hardware acceleration
    mWebView.setLayerType(View.LAYER_TYPE_SOFTWARE, null);
}
```



# ONCREATE

```
//remove vinculação em cache
webSettings.setCacheMode(WebSettings.LOAD_NO_CACHE);

//permite acesso a arquivos locais do app
webSettings.setAllowFileAccessFromFileURLs(true);
webSettings.setAllowUniversalAccessFromFileURLs(true);
//mWebView.loadUrl("file:///assets/profile.html");
//
//carrega uma página html
mWebView.loadUrl("file:///android_asset/index.html");
}

//faz com que o botão de voltar não saia do app
@Override
public void onBackPressed() {
    WebView webz = (WebView) findViewById(R.id.activity_main_webview);
    if (webz.canGoBack()) {
        webz.goBack();
    } else {
        super.onBackPressed();
    }
}
}
```