# Modular Admin Angular

Modular Admin Angular is an angular front-end application based on Modular Admin Bootstrap template (https://github.com/modularcode/modular-admin-html).

This project has no angular services, because it has not communication with back and, it is just a generic font-end project to be reference to build a full project.

In this project we have two basic kinds of pages. One kind when the user is log in, that are pages inside the "internal" module, having the header, footer and side bar; and public pages, that are full page with no header or footer, like modular admin bootstrap template.

So the project structure is like this:

- src
  - app module
  - login module
  - not found module
  - others public pages...
  - internal module
    - dashboard module
    - form modules
    - tables modules
    - others internal modules...

Below the angular CLI commands to create the project structure:

Creating the Project

```
ng new modular-admin-angular --routing
cd modular-admin-angular
```

Installing **Bootstrap** with **Jquery** and **popper.js**:

```
npm install bootstrap@4.0.0-beta.2 jquery popper.js --save
```

Copy modular-admin original bootstrap template for asset directory of angular project:

- src
- app
- asserts
    - modular-admin (original bootstrap project)

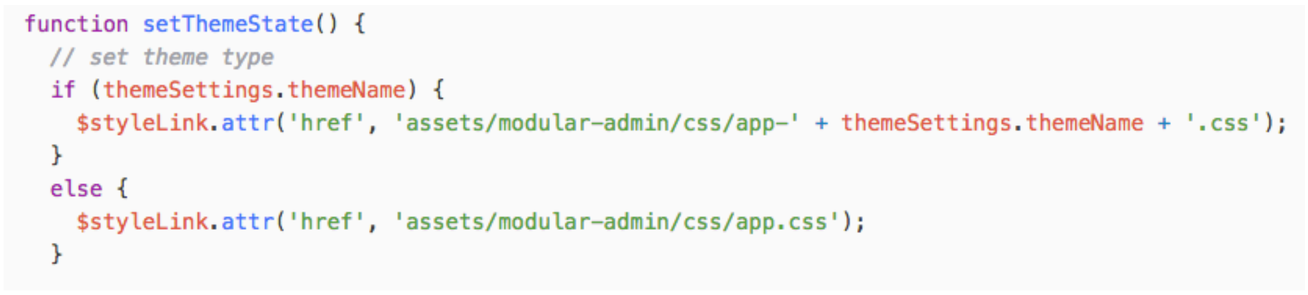
Declare modular admin **css** and **js** files of in **.angular-cli.json** file:

```
"styles": [
        "../node_modules/bootstrap/dist/css/bootstrap.min.css",
        "../src/assets/modular-admin/css/vendor.css",
        "styles.css"
      ],
"scripts": [
       "../node_modules/popper.js/dist/umd/popper.js",
        "../node_modules/jquery/dist/jquery.min.js",
        "../node_modules/bootstrap/dist/js/bootstrap.bundle.js",
        "../node_modules/bootstrap/js/dist/util.js",
        "../node_modules/bootstrap/js/dist/modal.js",
        "../node_modules/bootstrap/js/dist/dropdown.js",
        "../src/assets/modular-admin/js/vendor.js",
        "../src/assets/modular-admin/js/app.js"
 ],
```

Modular Admin change the color theme loading css style via a javascript function. It not possible makes this on angular-cli.json file. So we need put this javascript script in index.html file of angular project:

```
<script>
    var themeSettings = (localStorage.getItem('themeSettings')) ? JSON.parse(localStorage.getItem('themeSettings')) :
    {};
    var themeName = themeSettings.themeName || '';
    if (themeName){
        document.write('<link rel="stylesheet" id="theme-style" href="assets/modular-admin/css/app-' + themeName + '.css">
    }else{
        document.write('<link rel="stylesheet" id="theme-style" href="assets/modular-admin/css/app.css">');
    }
</script>
```

Change the **asset/modular-admin/js/app.js** file to correct the path of css files in setThemeState() method to the new localization in the angular project:



```
function setThemeState() {
  // set theme type
  if (themeSettings.themeName) {
    $styleLink.attr('href', 'assets/modular-admin/css/app-' + themeSettings.themeName + '.css');
  }
  else {
    $styleLink.attr('href', 'assets/modular-admin/css/app.css');
  }
```

Creating other components:

```
ng g m internal --routing
ng g c internal
```

Internal component will be a template for all internal pages when the user in log in the application. All internal pages will have the header, footer e the sidebar of modular admin.

Creating the common components of internal pages, inside the internal/components directory. In this case, we will not create either the module or the router, only the component.

```
ng g c internal/components/header
ng g c internal/components/footer
ng g c internal/components/sidebar
```

Creating the dashboard module and component that will be the default component show and the app load.

```
ng g m internal/dashboard --routing
ng g c internal/dashboard

ng g m internal/forms --routing;
ng g c internal/forms

ng g m internal/items –routing
ng g c internal/items/edit
ng g c internal/items/list
...
```

Now copy the content of html files on modular admin to the modular admin angular templates creates above.