EPB (Environmental Project Benefits)

System/Internal Documentation :

Technologies:
- Angular 8
- TypeScript
- Bootstrap 4 Framework
- HTML5
- SCSS

Features:
- Used Core, Shared and modules for code separation.
- Lazy loading is used to speed up our application load time by splitting it into multiple bundles and loading them on demand.
- Used Components & Services. Services are used to call the API or interact with Database/API.
- Angular Directive such as *ngIf, *ngFor
- Used input properties to pass data into the child components
- Pipes are used for data manipulation.
- Data Binding and Interpolation are using for data binding.
- Used lifecycle hooks as angular offers lifecycle hooks that provide visibility into these key life moments and the ability to act when they occur.
- SCSS as it provides features like inheritance(reusability of code), mixins, etc.
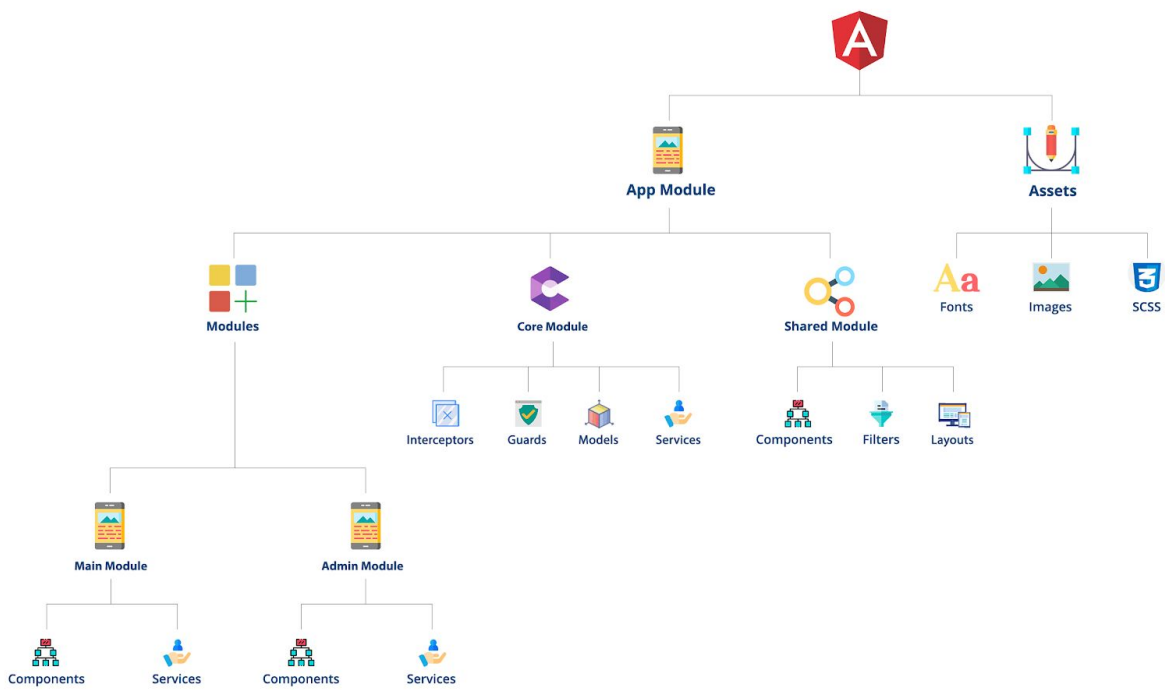- Asset folder that carries static content like fonts, images, styles, etc.

Current task implementation:
- We have created a custom JSON from the reference of the provided screen and placed it in services (api.service.ts).
- These services are used for API interaction.
- The data from services are called using component and are appended to HTML.
- Created a common component to render data in HTML instead of rewriting code for every block.

Folder Structure :

In our application, we have divided our application folder structure in three parts as listed below:

1. Core Module
2. Shared Modules
3. Modules

Core Module:

An essential building block of application. It contains following types of classes:
1. Guards
2. Models
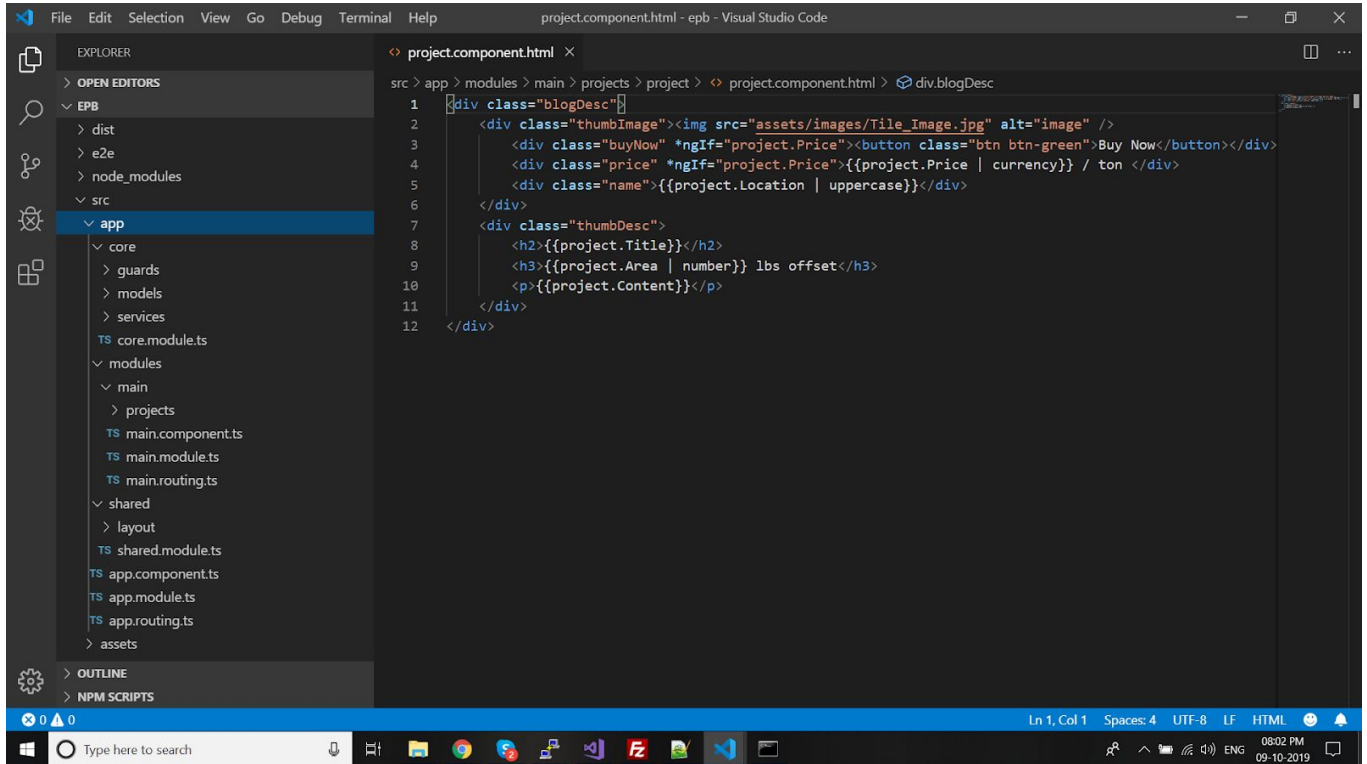3. Interceptors
4. Services

Shared Module:

All the dumb and reusable components are resides in this directory. We will also have layout folder and it contains all application layout e.g. headers, footers etc of our application. It contains following types of classes:
1. Pipes
2. Directives
3. Layouts
4. Components

Modules:

This directory contains all modules of our application e.g. Main, Admin etc.

Folder structure: