

# AngularJS

Starter kit



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DI TORINO



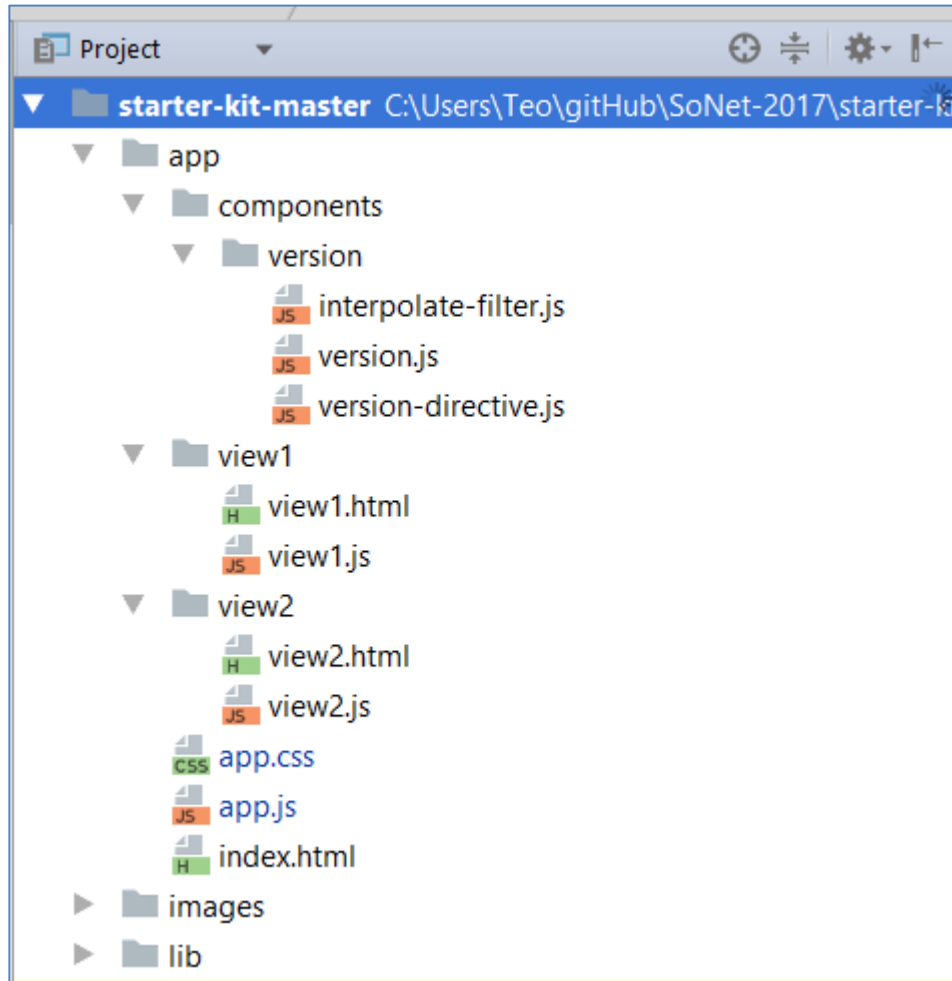
# Starter kit

- To start a new project you can use the starter-kit we created for you:

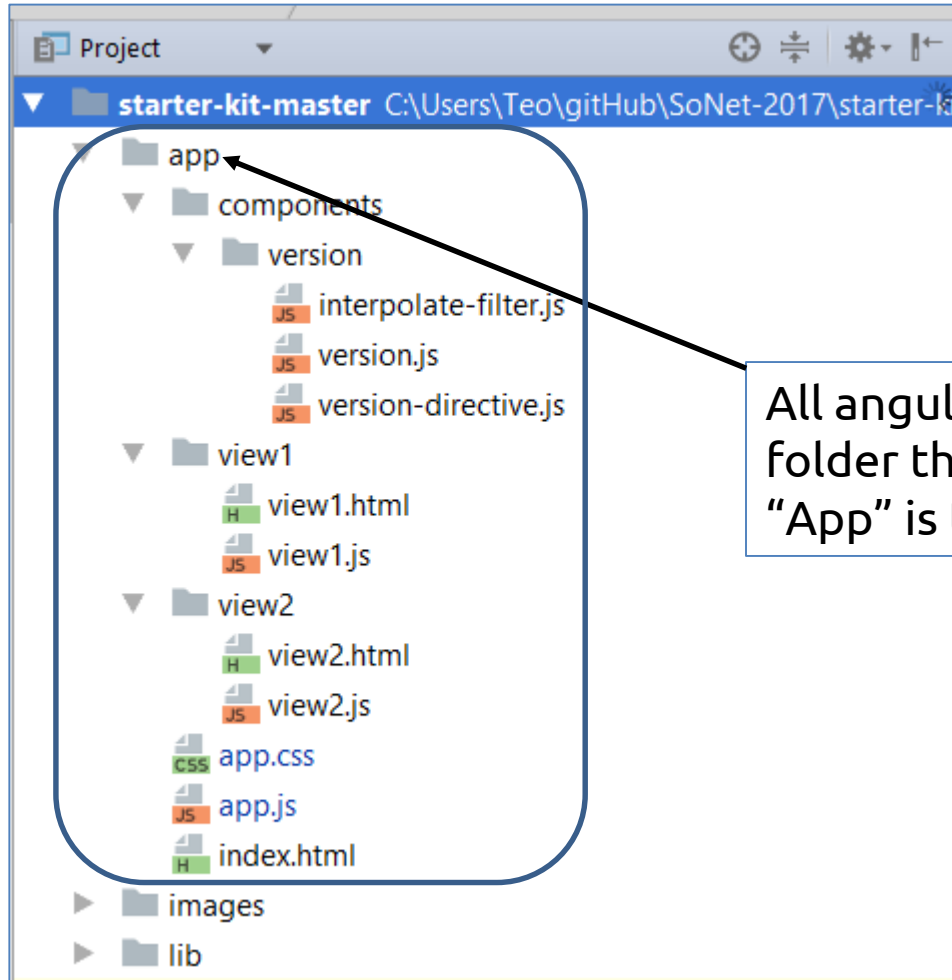
<https://github.com/SoNet-2017/starter-kit>

- It is an application skeleton for an [AngularJS](#) web app.
- AngularJS (version 1.6.4) is included in the lib folder, together with the Bootstrap framework (version 3.3.7)

# Starter kit: Angular App Structure

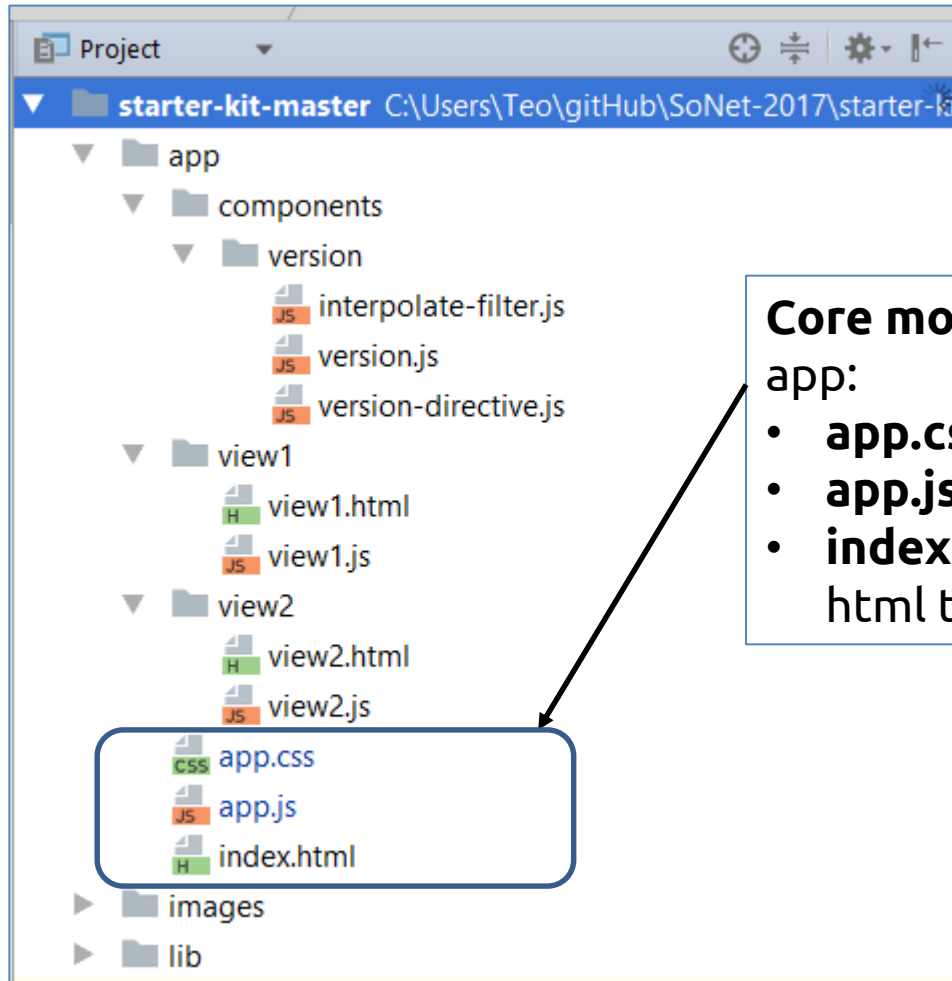


# Starter kit: Angular App Structure



All angular files should be placed within a folder that could be named as "app".  
"App" is the top-level folder

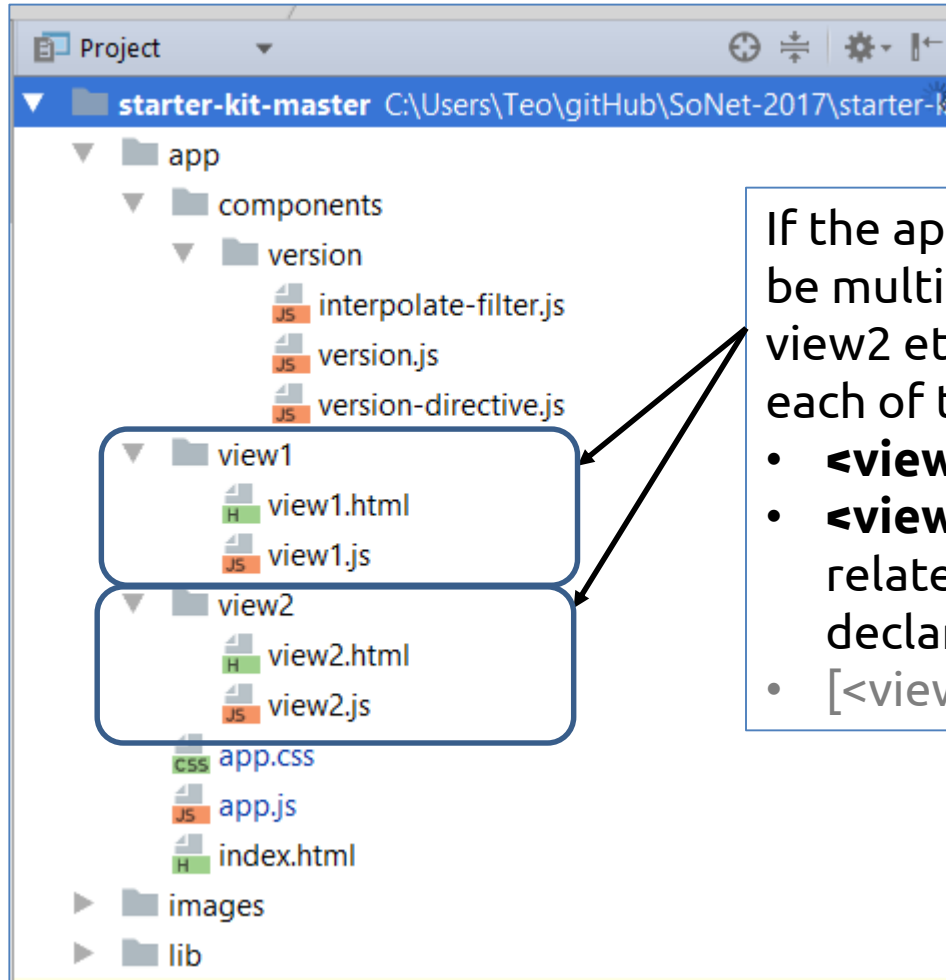
# Starter kit: Angular App Structure



**Core module** representing the Angular app:

- **app.css** --> default stylesheet
- **app.js** --> main application module
- **index.html** --> app layout file (the main html template file of the app)

# Starter kit: Angular App Structure



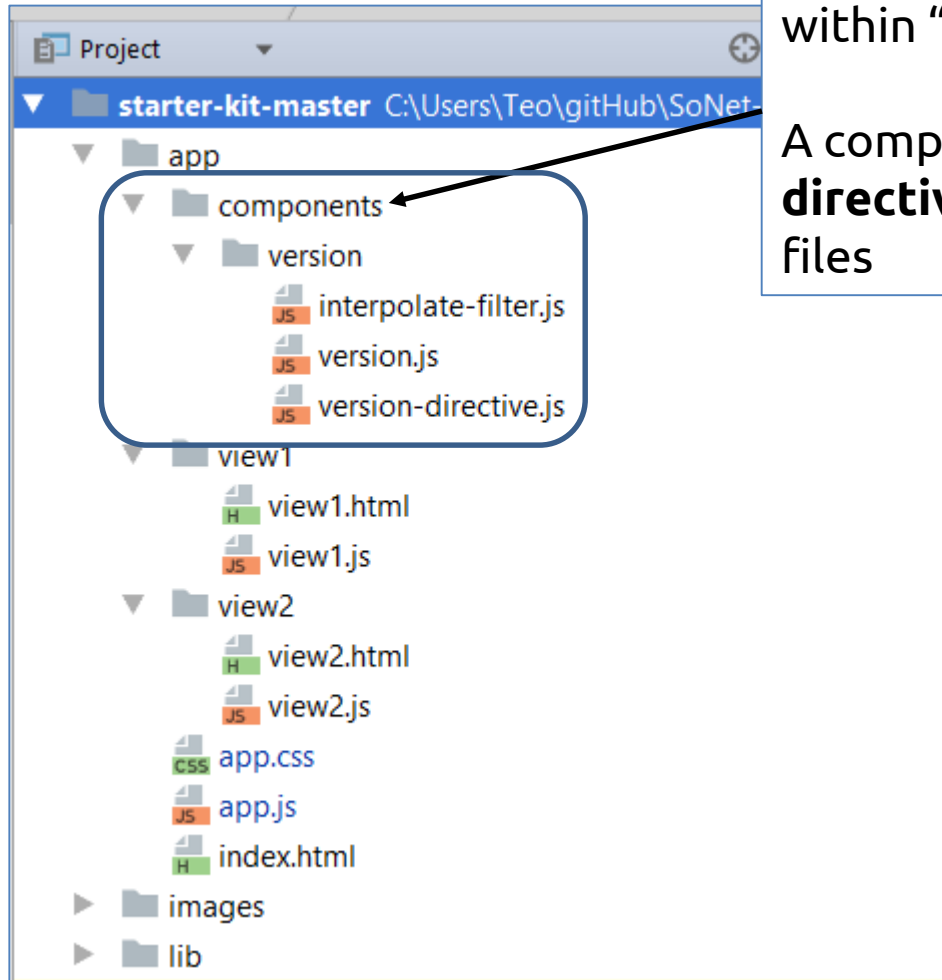
If the app is a single-page app, there could be multiple **view folders** such as view1, view2 etc (app/view1, app/view2) with each of them consisting of following files:

- **<view>.html** file that consists of view.
- **<view>.js** file that consists of javascript related with view file (with module declaration ecc)
- [**<view\_test>.js** consisting of unit tests]

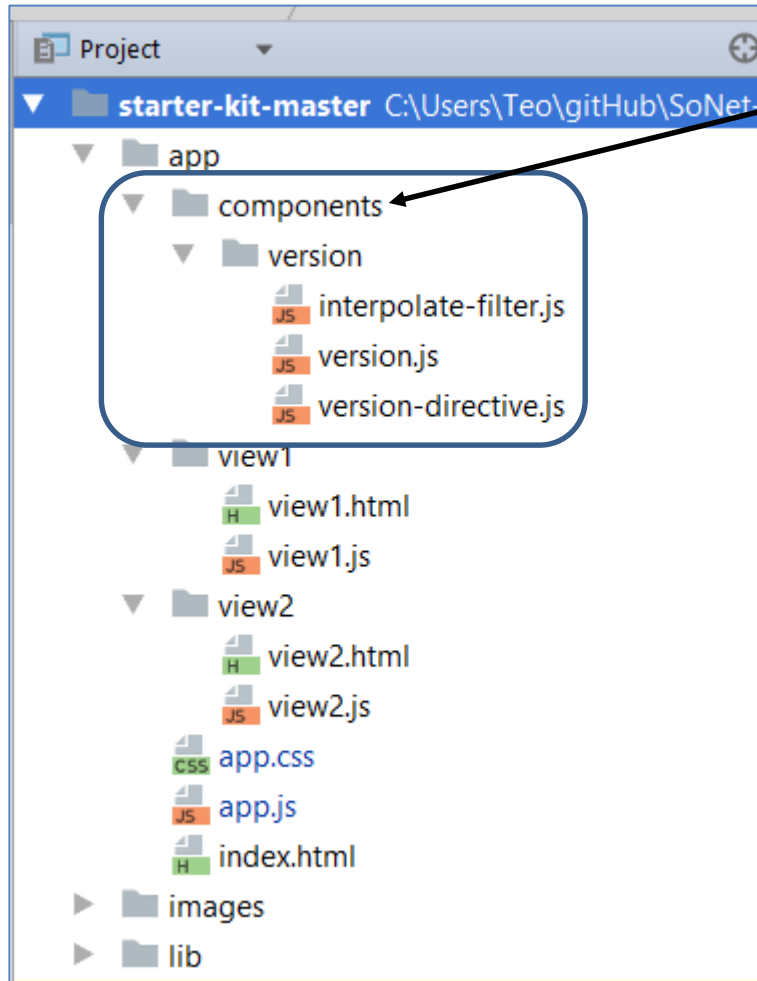
# Starter kit: Angular App Structure

One or more **components** can be placed within “app/components” folder.

A components directory contains **directives, services, filters**, and related files



# Starter kit: Angular App Structure



One or more **components** can be placed within “app/components” folder.

A components directory contains **directives, services, filters**, and related files

Each component should be contained in a directory (example: "version") and should consist of following files:

- One **<component>.js** file that defines the **main module**. It will be the only one to import then we want to use the component or its submodules.
- Some **<component>-<name>.js** file that represents the **submodules** that actually implement directives, services and filters



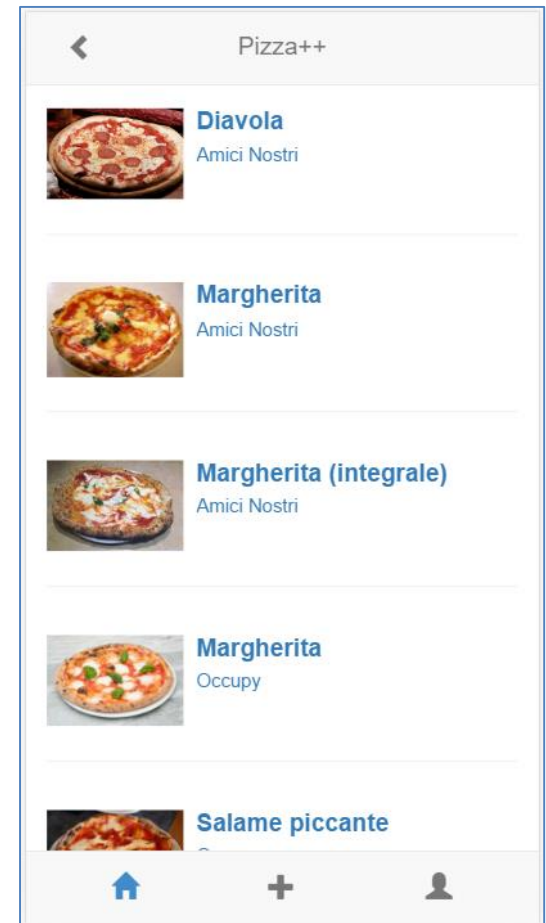
# Starter kit: Angular App Structure

More info about Best Practices Recommendations for Angular App Structure:

- <https://dzone.com/articles/angularjs-%E2%80%93-recommended>
- <https://github.com/johnpapa/angular-styleguide/blob/master/a1/README.md>
- <https://docs.google.com/document/d/1XXMvReO8-Awi1EZXAXS4PzDzdNvV6pGcuaF4Q9821Es/pub>

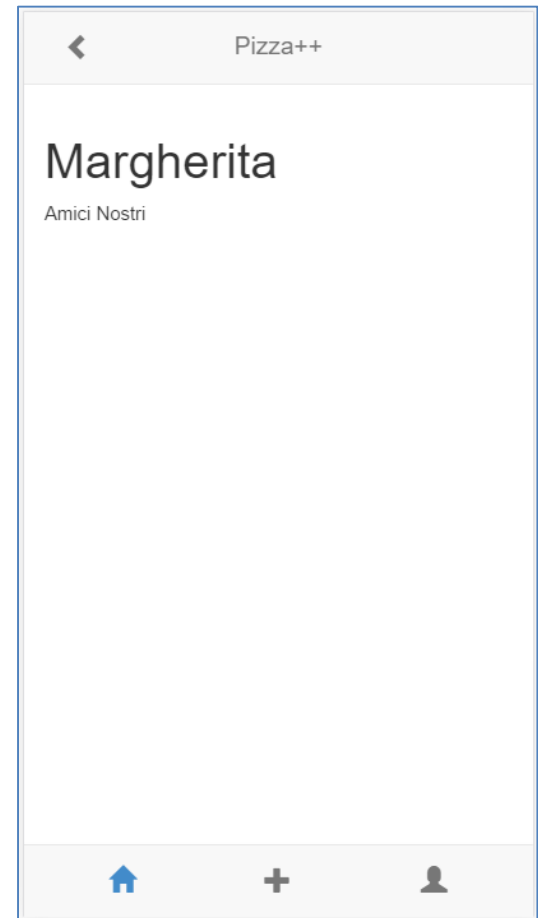
# Exercise 1 (guided)

- Starting from the starter-kit available at <https://github.com/SoNet-2017/starter-kit>, migrate the app developed during laboratory n.4 to AngularJS.
- The data should be acquired through an http request that will return the pizza list in JSON format.



# Exercise 2

- Add the details' page to the app developed in the previous exercise.
- Thus, when the user clicks on a pizza, the details of the pizza should be shown



# Solutions

- Exercise 1:

<https://github.com/SoNet-2017/angularjs-lab7/releases/tag/SoluzioneEs1>

- Exercise 2:

<https://github.com/SoNet-2017/angularjs-lab7/releases/tag/SoluzioneEs2>

# Questions?




01QYAPD SOCIAL NETWORKING: TECHNOLOGIES AND APPLICATIONS

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