



Angular

KNOWLEDGE JOURNAL

This is my personal journal for this project, where I will document everything new I learn during its creation.

The journal will not follow a specific structure but will instead capture my thoughts and ideas as they come to me throughout the process.

Note that this is not the official documentation of the project. Its purpose is to serve as a reference for me whenever I encounter a problem or need inspiration for new ideas.

What is Angular?: Web framework made by google

Why use Angular?: Saw it a lot and thought it looked cool so i wanna test it. I am gonna use Angular 18

How do i create an Angular Project?: Install all necessary dependencies and then go into vsc and type "ng new Projectname" then accept Angular routing and select CSS stylesheet format

How to run the Project?: type "ng serve" into the Terminal

How to stop running the Project? : Ctrl + C in the Terminal running the project

File Structure:

index.html: Angular is a single-page application (SPA). This file acts as the entry point, where the Angular application is bootstrapped, and all content is dynamically loaded and rendered within it.

app.component.html: root component of the application. Defines the structure.

app.component.ts: file is the main logic file for the root component of an Angular application. It says what a component does, how it connects to other files and specifies a component's name, template file and styles

what are angular components?: different sections of a website i.e header, searchbar...

app.component.css: custom CSS for each component

style.css: custom CSS for the entire project

app.module.ts: Defines the app's structure, starts the app by launching the root component (bootstrapping) and imports modules

angular.json: tells the project where to find files. Set Configuration

How to make a new component in Angular: go into the Terminal and type "ng generate component componentname --skip-test" or "ng g c componentname --skip-tests" for short