Title: ICP5

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Link: https://github.com/gcb-umkc/Web_Lesson_5/tree/main/ICP/src/app

I.   Introduction

In this lesson we learn how to use Angular in web Development, the task was to build a ToDoList and a timer using Angular resources. To build the ToDoList and a Timer I used components, HTML components and TypeScript components. The page should allow the user to add and delete tasks as much as he/she wants to and the timer should display a countdown timer.

II.   Description

I created a new project in web storm with npm install which allows me to use ng serve to launch Angular server. Then, to give the toDoList WebPage functionalities I work in the app.component.html using classes, containers, div tags, and with angular selector ngModule to get and input when a new task was added. In add some behavior to our page using typescript and two methods, method addToList and method deleteTask. I also used bootstrap and css for the UI and make the page more responsive.

III.   Learning from the lesson

I learnt how to use the command prompt to install Angular CLI, and that it was necessary to connect our project to angular server in order to be able to visualize the changes we made in our files. It was kind of challenging to figure out how to use Angular CLI in WebStorm IDE. But after some research and using some commands in the command line I was able to get more information and launch Angular CLI in our IDE. It was interesting to see how different the application looked after connecting to Angular server. I also learnt that I can test out if my project is working with Angular through angular server. To generate ng generate component/ ng g c. It is important to keep in mind that the most important components are: Html component, css component, and Type script component.

Screenshot