**ICP6**

**Food Finder**

**Source code:**

In this web lesson I learnt about the routers in angular and making http calls using inbuilt http service from angular httpclient module.

Also navigating between components using router link and making ajax calls to API. Fetching the responses from the API and displaying it to the front end as needed.

In this task I have created different components for header, navbar, recipesearch and restaurant search. Also Footer is added as a fixed component.

I have used some of the bootstrap css and ngx-bootstrap for modal.

Bootstrap APP component:

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Appcomponent HTML

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App routing module

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After app initialized, home component is displayed as a home page.

Home component

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As seen in the above snip when user clicks on explore another section for services is displayed.

So based on user interaction respective component is loaded into the router outlet.

Starting with Recipe search component

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HTTP call for getting recipes details

I have used spoonacular API for the recipe search API and it also gives details of recipe ingredients.

Created an account in the spoonacular and used the API key from the console application.

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Response is binded to the recipe list which is then formatted to the html and displayed nicely.

Output of the recipe search is as below:

Graphical user interface, application, website

Description automatically generated

API response:

Graphical user interface, text, application

Description automatically generated

**Restaurant search**

Text

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On init nearby restaurants method will be called and shown initially.

Text

Description automatically generated

Later if user enters any value in the input field and submitted response will be fetched respectively.

Text

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API call for fetching responses

Text

Description automatically generated

I have stored the values in the environment variables

A screenshot of a computer

Description automatically generated with medium confidence

Developer API

Graphical user interface, application, Teams

Description automatically generated

**OUTPUT**

A picture containing text, indoor

Description automatically generated

Services are shown when user clicks on explore

A picture containing text, table, indoor, glass

Description automatically generated

Graphical user interface, application, website

Description automatically generated

Graphical user interface, website

Description automatically generated

API response

Graphical user interface, text, application, table

Description automatically generated