React JS - Project

Description

In this project, you're required to create a web application for food lovers, using React as the frontend framework. It will act as a social place for food lovers and food reviewers. The users of your web application should be able to do the following things:

- Browse for restaurants according to the choice of their food item

- See basic restaurant info like Food Menu, Location etc

- See reviews and ratings of each restaurant. Also, write reviews for a restaurant

Please note, you'll only be designing the frontend portion of the web application. The backend will be provided to you (continue reading for API-related info). From a technical perspective, the *mandatory* functional requirements of your project are given below:

- **Signup/Signin**: Users can opt to be a member of the web application and enjoy extra benefits, like food ordering and writing reviews

- **Search bar**: Users can search by typing food items, for example, "Burger" or "Pizza". This will be later used to show the users the corresponding restaurants that serve those items. The search bar should be on the home page and this is where all the user interaction starts

- **Restaurant information:** Users should be able to gather information about a particular restaurant. Like the restaurant name, location, review, rating, benefits, type, gallery and more

- **Review System (member-only):** Users should be able to write and read reviews and give ratings out of 5 Stars.

- **Order Online (member-only):** Users should be able to order food from a restaurant

- **Show basic user info (member-only):** Users should have a simple page where they can see their name and email, also their order history.

If you're able to meet all the above-mentioned specifications in time, here are some *optional* functionality that should be implemented:

- **Restaurant Filtering:** There should be an option in the search page to filter restaurants according to their rating, type and benefits

You can use https://foodhub211.netlify.com as an example of the web application

When making the web application, please keep in mind that you're working on a real-world project. So make your website as foolproof and as aesthetic as possible.

Resources

API

You will be using a backend API created by Ahmed Sadman (github.com/ahmedsadman). This is an open-source project released under GNU General Public License.

To implement the frontend, you have to consult the documentation of the API:
https://documenter.getpostman.com/view/4839696/S11GRfHA

The base URL for the API is: https://foodhub-api.herokuapp.com

While consulting the documentation, you can completely ignore the collections under the folder "Admin". You only have to consult "Auth", "Restaurant" and "Order" sections. Please note, all the endpoints will not be required for the above project.

Development Guidelines

- You will be divided into teams. Each team will consist of 2 members

- You will use a public Github repository to maintain the project. Any of your team members can open (and own) the repository, it's up to your decision. Others will be added as project Collaborators
- While doing your project, maintain code formatting and code cleanliness. Make your code modular and easy to understand so that other members of your team can understand code without any difficulty

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