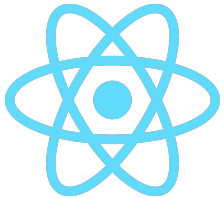
PureDine

PUREDINE

CMSI 4072

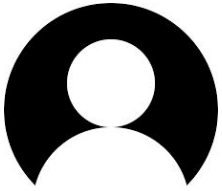
By: Aidan Esposito

Project Description



- React-based, Firebase backed, Yelp API, Zomato API, or Edamam API.
- Website that allows for searching of local restaurant menus to find dishes with allergies or ones against dietary restrictions either via own selection or account creation.
- Users have the option to make their own profile to tune the site to their own allergies / preferences.
- (WIP) Users can also leave reviews and recommendations about certain items / restaurants.

Users Point of View



- The user will start at the website with a search bar asking for their local area code, city, or specific restaurant.

- The APIs in use will then show specific restaurants and allow for viewing of their menus in different interactable tabs.

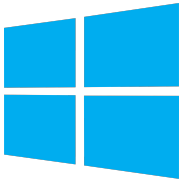
- The user will have the ability to click on certain dietary restrictions or allergies listed in checkboxes and sort the menu based upon this thanks to the Edamam API.

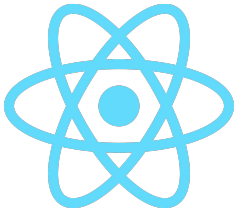
- The user will also be able to sign in on their own accounts via a login button to also modify preferences on a separate page.

Why are you interested?

- Past with friends and family who are affected by certain allergies, want to help them.
- Specifically involves web design in React, which is one of my favorite development tools learned at LMU.
- Personal goal of expanding knowledge on different APIs and their uses on different websites.
- The project is able to have a working build by the end of the Spring 2025 semester.

What technologies will be used?

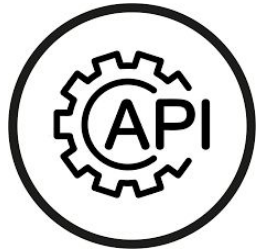




- My own personal devices for development, including my laptop (Windows 10) and LMU-provided workstations.

- React hosting and development, with Node.js, HTML, and CSS for the frontend and backend.

- APIs including but not limited to: Yelp API, Zomato API, and Edamam API.



- Firebase to allow for user accounts and personal preferences of allergies and data.

QUESTIONS