

Project Progress Report -2

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Project: DineSafe: An app to find restaurants based on allergy-friendly food

What Am I Proud about:

I was able to setup Express with React app. I connected the front end to the backend and set up framework for apis for our app. I am also continuing working/ fixing issues on Heroku.

I am proud that even though I had less time this week due to mid-terms, I was able to spend time and make progress with the project

All details:

1. Framework(in progress):

Focus in this week was to look at some frameworks that can be used to do a end to web page. The MERN and MEAN frameworks are something that I assessed. I spent most of the time to understand and learn React and Express.

The current Framework is archived in the GIT Repo, along with this report.

2. APIs for getting restaurant information:

Eliminated two apis from the list as they are not matching our requirement or they are not working correctly. Details of APIs that are not being used along with reasoning:

- ForkAndSpoon
<https://rapidapi.com/apidojo/api/the-fork-the-spoon/>
This API helps to query the best restaurant and meal around the world
 - Was successful for getting data using this API but it did not work consistently for all cities. There were missing attributes in the response of some apis. Like City_ID is not always displayed.
- OpenMenuAPI
<https://openmenu.com/api/docs/restaurant.php>
It is used for locating restaurants, menus and menu items. we use our proprietary algorithms to generate a feed of interesting results.
 - NOT successful in getting data using this API. Unable to get API_Key. It applies mainly to restaurant owners rather than consumers

Current API candidate:

- TravelAdvisor:

<https://rapidapi.com/apidojo/api/travel-advisor/>

This API helps to query real-time Flights prices, Hotels booking, Restaurants, Attracting locations, etc... to create a travelling site.

It can fetch restaurants details as well.

- Was successful for getting data using this API and is currently the API that I am planning to use.