

Project Progress Report -1

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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 Firebase database along with React app. Both these technologies are new to me, but I was able to understand and do a feasibility for the app.

Similarly, I am working on Heroku. I am glad that I can work with technologies that are new to me.

All details:

1. Hosting the website:

Hosted the frontend on Github.io

- GitHub Pages is a static site hosting service that takes HTML, CSS, and JavaScript files straight from a repository on GitHub
- For the initial frontend development, set up Github.io.
- Latest Frontend will be deployed on : <https://sunayanahubli.github.io/>

2. APIs for getting restaurant information:

Assessed the following APIS to get location and diet-based restaurants:

- 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.
 - Was NOT successful in getting data using this API. Unable to get API_Key, will continue to work on this as its documentation shows that there is a lot of allergy related information available.

- 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.

Results from the APIs are in the folder: **APIsAssessed**

3. Database and backend (In-progress):

- Firebase: Investigated Firebase and react app, to see if it can be used as DB.
 - Sample app can be found in the folder **DatabaseAssessed**
- Setting up Heroku: Additionally, assessing Heroku to create that app and use it to host and deploy changes from GitHub

Next steps:

- **Finalize API**
- **Work on backend framework**