Navigetter`

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The Idea

- This project aims to build a smart interface to lead the user to the required destination.
- The user can choose where he/she wants to go between malls,banks, restaurants and hospitals. The application then returns the top 50 of the nearest results.
- The user can choose one of the locations and his mode of transport. The application gives the time, distance and also directions to reach the particular location.
- The application also has a user database and comes with the additional feature of mail notifications for a new user.

How it works

- The website uses Mapbox API to get the required dynamic data about the user's location and the nearby routes. Mapbox functionalities also help in giving the required directions to the user.
- We created a database for the users where the newly registered user will be appended and a welcome mail can be sent to the registered mail-id.
- To send the email to the registered users, we used the npm package nodemailer. For sending mails, we created a dummy email-id from where automated mails are sent to the users.

Tools

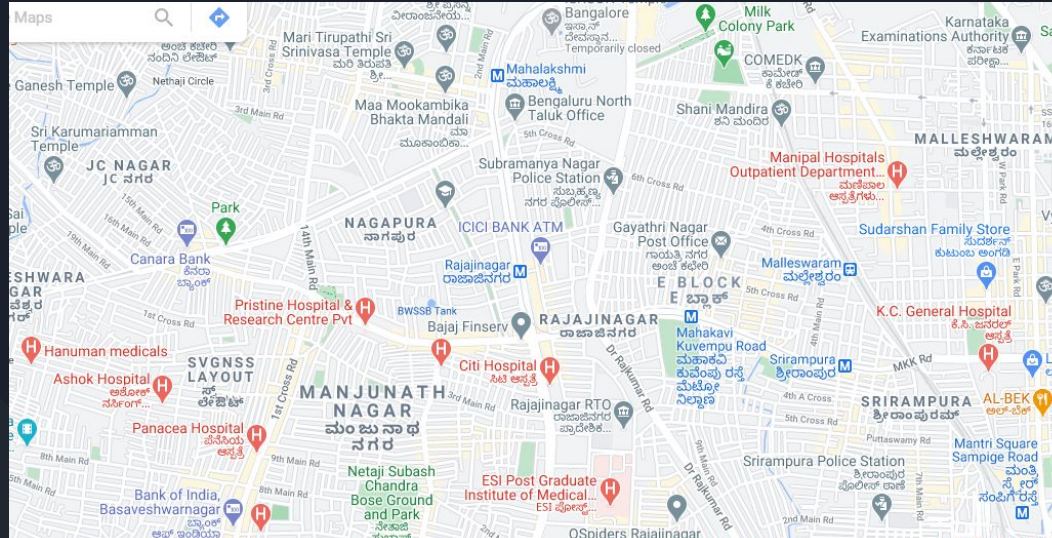Frontend: Bootstrap,HTML, CSS

Backend: Mapbox API

Environment: NodeJS

Future Scope

- Handy to help assist citizens to nearest hospital in case of an accident
- Android app like arogyasetu
- Text to Speech conversion so replica of google maps navigation

Google Maps

Track the users' current locations and suggest the option depending on the specialization required and the nearest hospital.