MVP Project Description: AirHealth

Summary

An app that lets you check the air quality of a location.

Motivation and description

Air quality around the world is declining, thus it is important for people to be aware of the quality of the air they breathe. This app is designed to help users make an informed decision about their health based on location. This app gives you the air quality of a specific location in real time, as well as a forecast for the next few days.

Minimal Product

Features
- Input city name in the input field and get back the city name and the Air Quality Index of that location
- Show recommendations, IE "Good air quality" to "Dangerous air quality"

Design Overview
- This app is an SPA with only one page at MVP level
- Location input field, button for get AQI and button for AQI forecast
- The results are displayed below the form

Technologies
- React
- API by Air Quality Index Project Team: https://aqicn.org/
- Node.js
- Postman

Roadmap
- Connect API
- Create form for location and get AQI
- Display results
- Create basic FAQ section

Nice To Have Product

Features

- Click a button to get a 5-day forecast of that location
- See recent searches
- See AQI scale in color

Technologies

- MySQL for storing searches

Roadmap

- Pull forecast data from API
- Create the front end
- Create MySQL database and decide on tables and data to store
- Connect database with the client
- Build the front-end

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