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Group Name: The Cruisers

Project Name: Rain Rain Go Away

Used API(s): WeatherAPI.com

<https://rapidapi.com/weatherapi/api/weatherapi-com/>

List of Applications and Components:

Weather

- List of daily weather for current and future two days (with chart/graph indicating trend)
 - Detail of weather: max temperature, min temperature, UV index etc.
- Past weather of 10 days (with chart/graph indicating trend)
- Form to edit notes for the current day

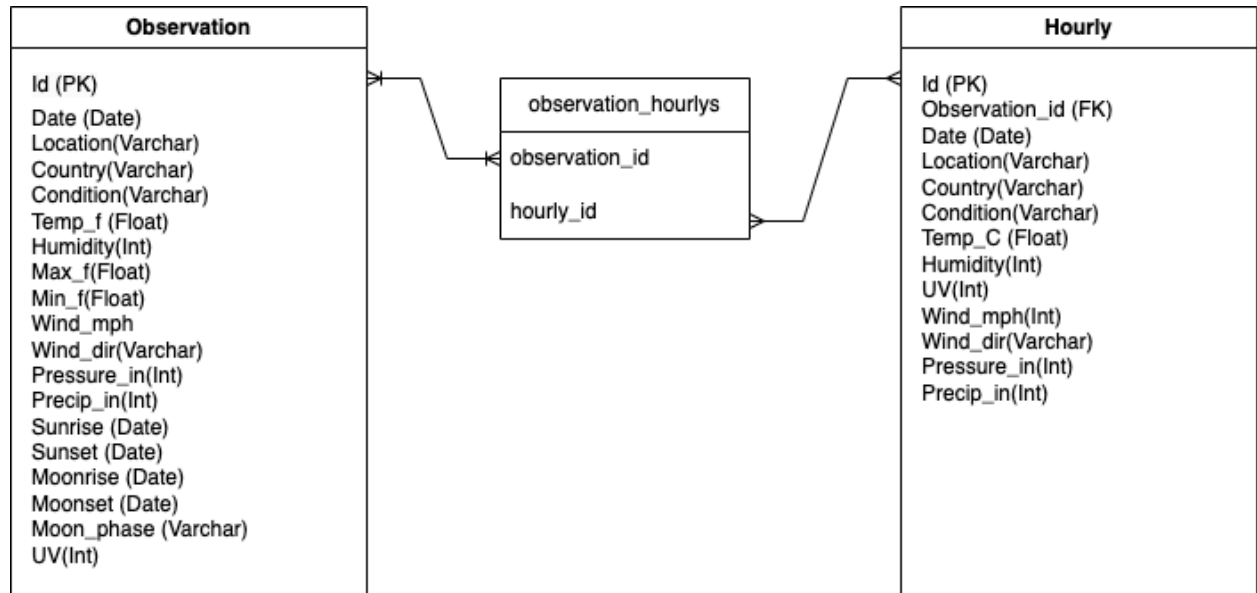
Hourly

- Weather conditions for each hour of the next 3 days.
- Chart/graph that displays the weather prediction for the next 3 days
- All hourly weather conditions of the same day will link to the same weather observation
- Search location form that calls the API

Task Breakdown:

Jieying	Hui Wen	Jackie
Authentication	API Connection (Call) /Search location	Design Document
Setup	Design Document	VueJS edit form
Models and database	Pandas/Matplotlib data visualization	Add/edit notes to weather
Connecting VueJS	CSS and styling	CSS in vue

Database Design:



Frontend Site Map:

