

MANARAT INTERNATIONAL UNIVERSITY

Project Report

Course: Software Development

Course Code: CSE 312

Project name: Weather Map

Team Name: *Github Heroes*

Github: [Click here](#)

Promo Video: [Click here](#)

Team-Members

Rubel Mia “1846CSE00691”

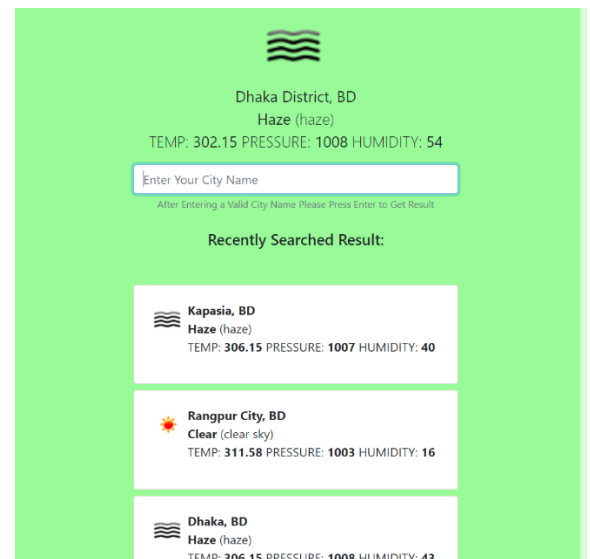
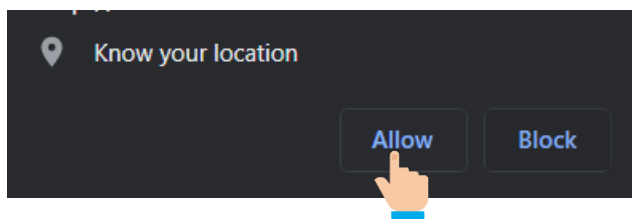
Mazidul Islam “1846CSE00681”

Date of submission: 12-04-2021

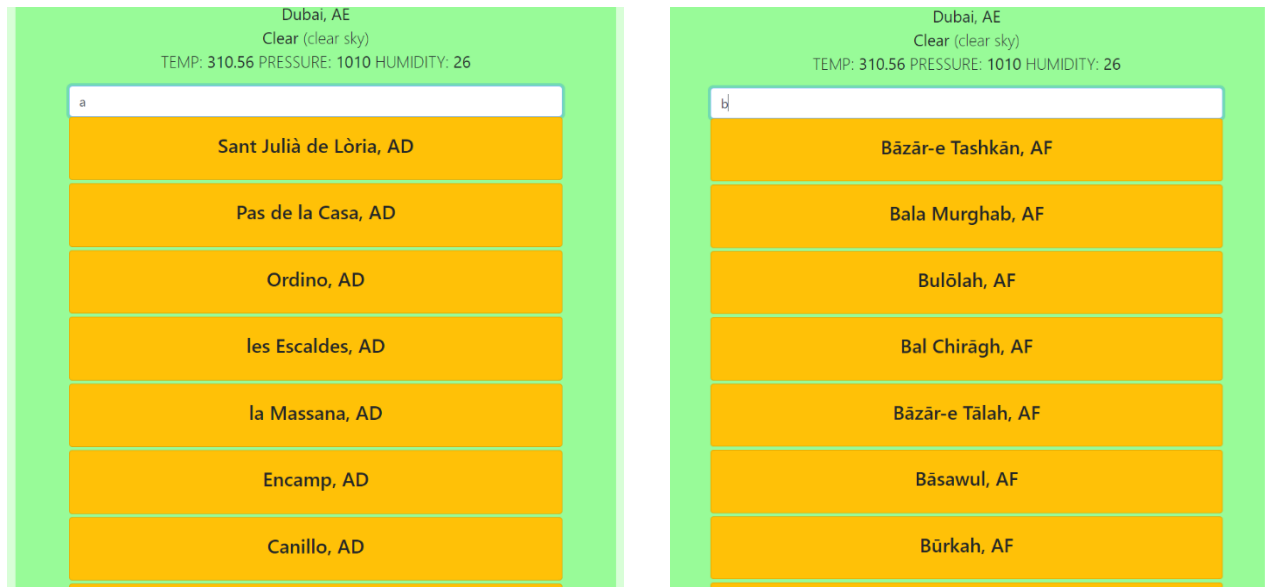
Objectives: We are trying to build a weather map app. The Weather Map app is an application that lets you know about every moment of the weather in all parts of the world. It is a different and easier application that makes our life easier. Our app will give you an idea of the weather in your location or any other place very quickly.

Introduction: Our weather app, here you can find weather update. You just write or click the city to know the weather. Our app will help you to give easy and fast weather update. Our app also show temperature, Air pressure and Humidity. There are also show sky condition. Like When the sky is clear it will show clear sky. It will be cloudy when the sky is overcast. Also added an auto complete search bar page. Here, when a user wants to write the name of a city or a place in the input box to get the weather update, app will suggest an automatic place or city for a single letter.

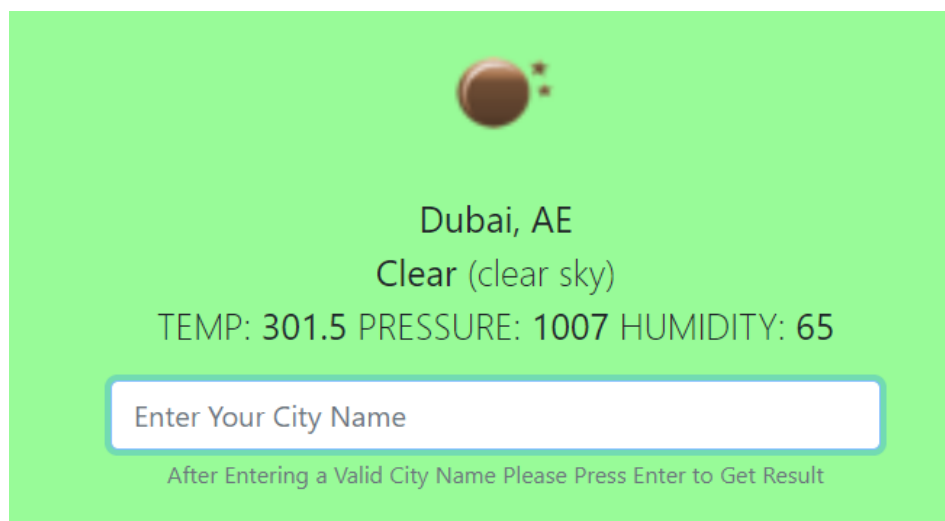
Feature Description: There are many Feature in our app. Firstly As soon as the location is turned on, the weather of that place will be known automatically.



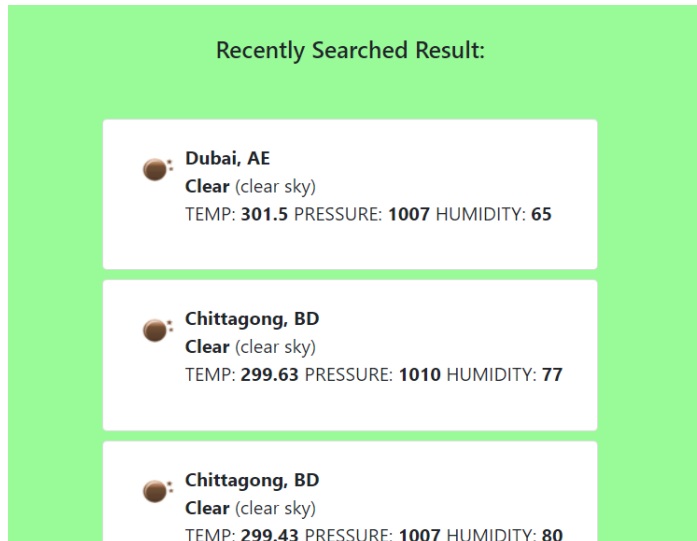
Secondly Auto complete search bar. Here, user write a single letter our app will suggest an automatic place or city.



Thirdly we can see all weather update like as temperature pressure humidity with the sky situation.



Last and finale Feature is search history. here we can see our recent search history. If we do not delete our search history then we will see all previous searches and if we delete the previous history then we will not see any previous search.



Platform: desktop, web based. And We used cross-platform electron to make the Weather Map app desktop mode.

Libraries: Axios. Inside our apps, we have sent http request through Axios to open weather map ap. link: <https://openweathermap.org/> . From this link we Call current weather data for one location by city name api I have added it to our app through Axios. So that we can get the weather update of that city along with giving the name of the city.

Future Plan: Now we can know the weather update by writing. But we will add voice in the future so that we can know the weather update through voice. We will also add weather forecasts so that we can see what the weather will be like in a few days.