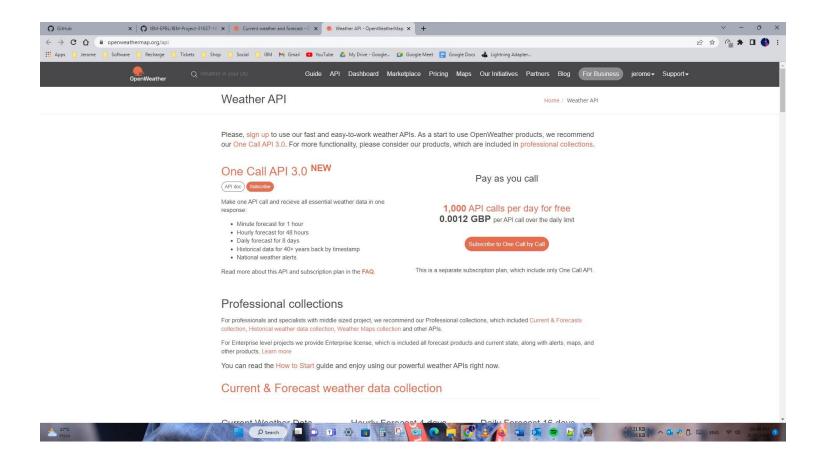
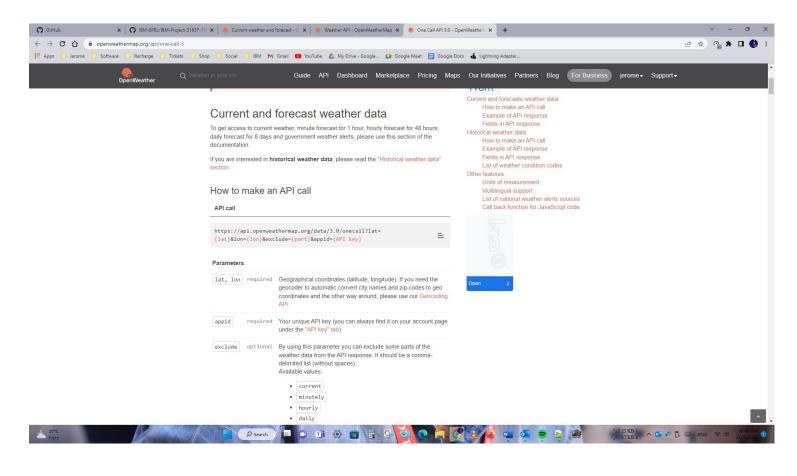
SPRINT - 01

| Date : | 30 October 2022 |
|--------------|--|
| Team ID : | PNT2022TMID47905 |
| Project Name | SIGNS WITH SMART CONNECTIVITY FOR BETTER ROAD SAFETY |

SPRINT GOALS:

- 1. Create and initialize accounts in various public APIs like Open Weather API.
- 2. Write a Python program that outputs results given the inputs like weather and location.







{"coord":("lon":78.1167,"lat":9,9333}, "weather":{("id":721, "main":"haze","description":"89n"}},"base":"stations", "main":("temp":300.16, "feels like":301.94, "temp max":300.16, "temp max":300.16, "pressure":1008, "humidity":69}, "visibility":3000, "wind": {"speed":1.03,"deg":0}, "clouds":{"all":40},"dt":165903691,"sys":("type":1,"id":9216, "country":"III", "sunrise":165903154}, "timezone":1900, "id":1264521, "name":"Hadurai", "cod":200}

MADURAI- WEATHER API

{"coord":{"lon":78.1167,"lat":9.9333},"weather":[{"id":721,"main":"Haze","description":"haze","icon":"50n"}],"b ase":"stations","main":{"temp":300.16,"feels_like":301.94,"temp_min":300.16,"temp_max":300.16,"pressure":100 8,"humidity":69},"visibility":3000,"wind":{"speed":1.03,"deg":0},"clouds":{"all":40},"dt":1669036491,"sys":{"typ e":1,"id":9216,"country":"IN","sunrise":1668991463,"sunset":1669033354},"timezone":19800,"id":1264521,"name ":"Madurai","cod":200}

SPRINT 01

https://api.openweathermap.org/data/2.5/weather?lat=9.9333&lon=78.1167&appid=5b470269921e324575ff30d83 6ad5aef

PYTHON CODE

```
import requests

api_data = "

https://api.openweathermap.org/data/2.5/weather?lat=9.9333&lon=78.1167&appid=5b470269921e324575ff30d836ad5a

ef"

rec=requests.get(url=api_data)

data= rec.json()

print(data)

temp = data['main']['temp']

print("\nTemperature is : ", temp)

humidity = data['main']['humidity']

print("Humidity is : ", humidity)
```

// This code execution will be done in sprint 02