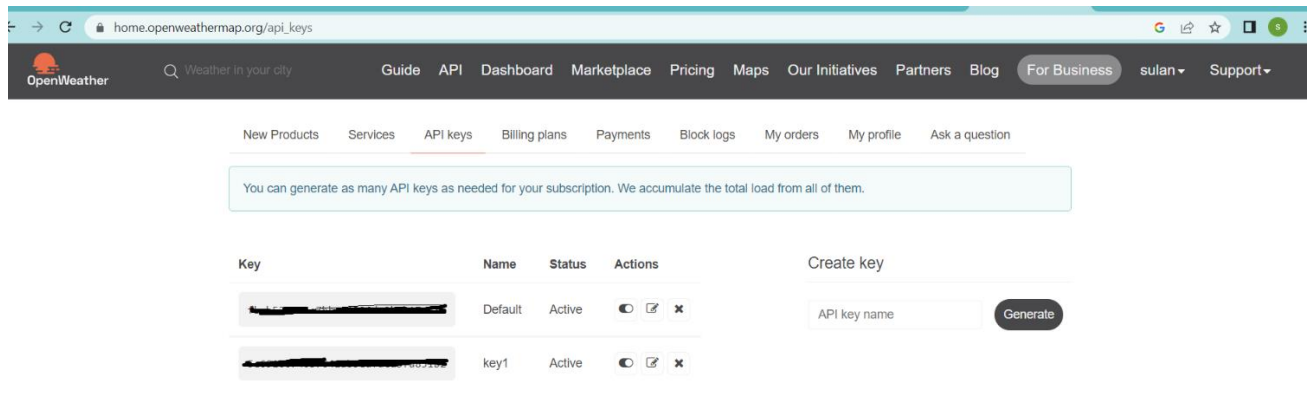


Prerequisites

Team ID	PNT2022TMID14540
Project Name	Project - Signs with smart connectivity for better road safety

OpenWeatherMap API :



Write a Python program that outputs results given the inputs like weather

```
Thonny - C:\Users\B.Chandrasekaran\Desktop\vehicle iden\openweathermap.py @ 2:1
File Edit View Run Tools Help
codeibm.py openweathermap.py *
2 from pprint import pprint
3 API_key = "Your API key"
4 base_url = "http://api.openweathermap.org/data/2.5/weather?"
5 city_name = input("Enter a city Name : ")
6 URL = base_url + "appid=" + API_key + "&q=" + city_name
7 weather_data = requests.get(URL).json()
8 print("\nCurrent Weather Data Of " + city_name + ":\n")
9 pprint(weather_data)

Shell
>>> %Run openweathermap.py
Enter a city Name : Coimbatore

Current Weather Data Of Coimbatore:

{'base': 'stations',
 'clouds': {'all': 75},
 'cod': 200,
 'coord': {'lat': 11, 'lon': 76.9667},
 'dt': 1667722141,
 'id': 1273865,
 'main': {'feels_like': 303.46,
          'humidity': 69,
          'pressure': 1014,
          'temp': 301.03,
          'temp_max': 301.03,
          'temp_min': 301.03},
 'name': 'Coimbatore',
 'sys': {'country': 'IN',
         'id': 9206,
         'sunrise': 1667695495,
         'sunset': 1667737594,
         'type': 1},
 'timezone': 19800}
```