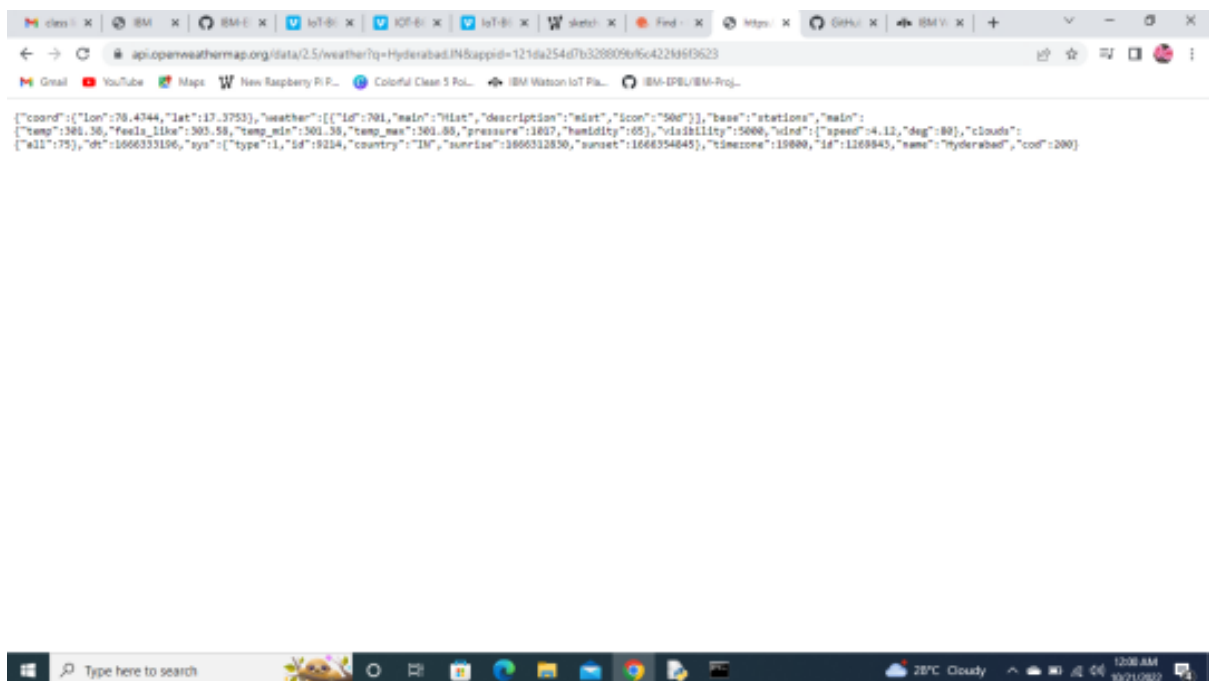
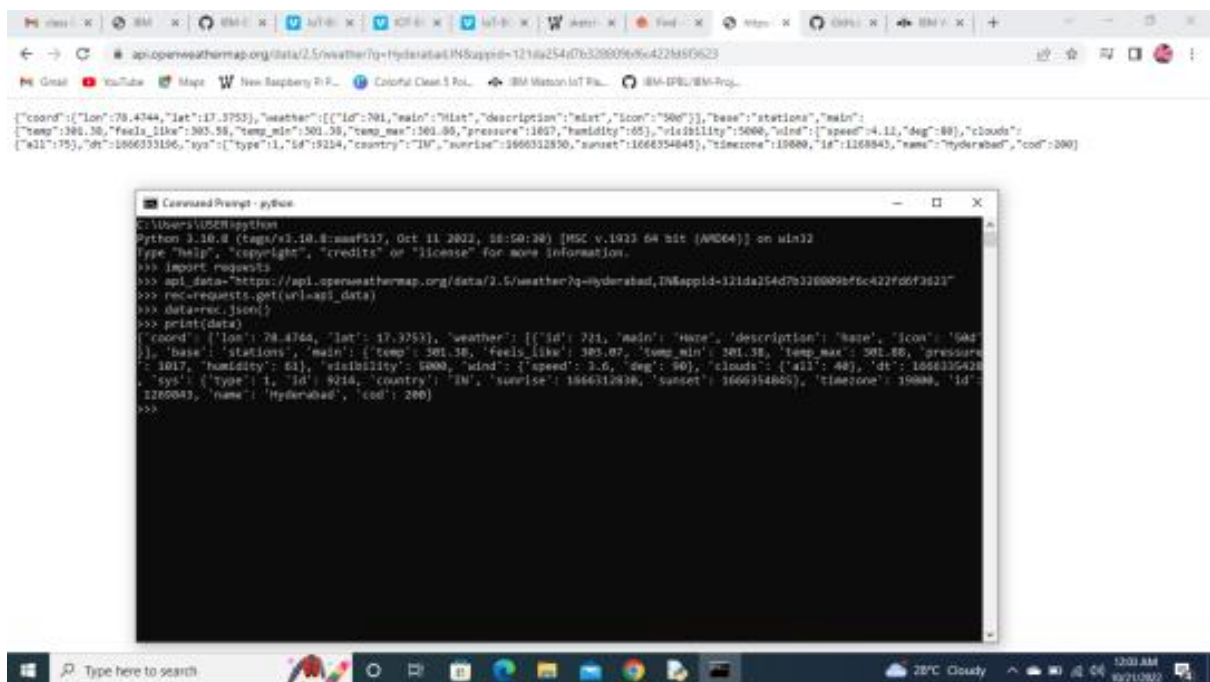
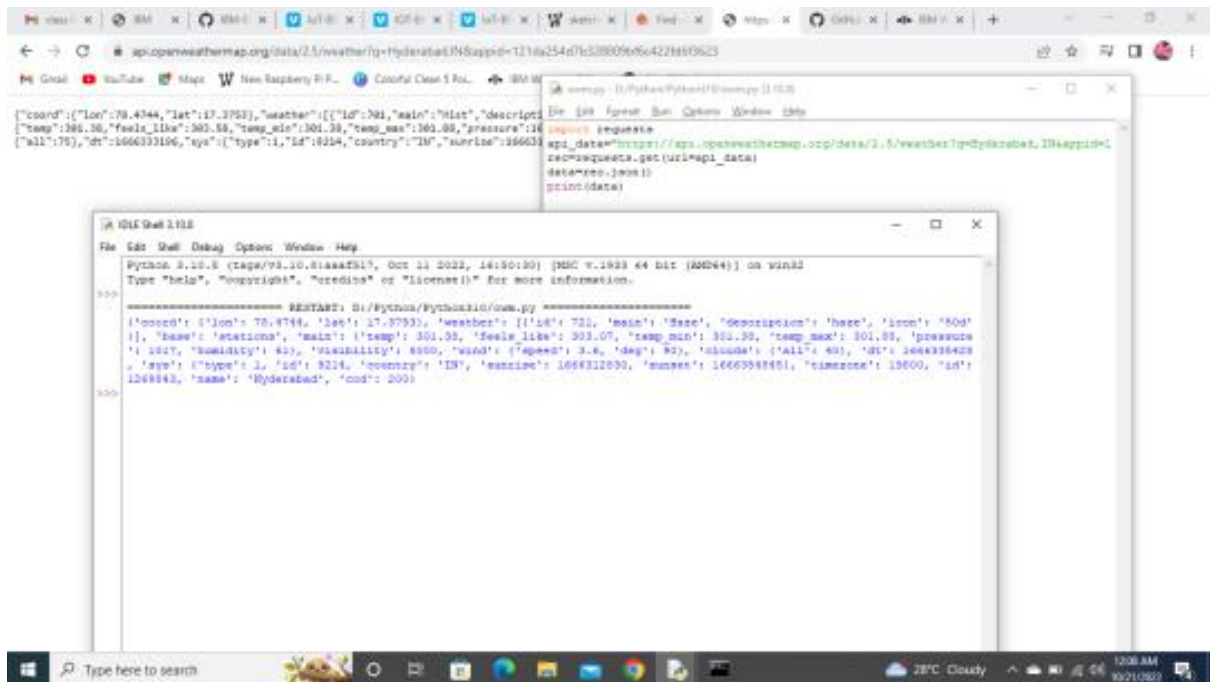


PROJECT PLANNING PHASE

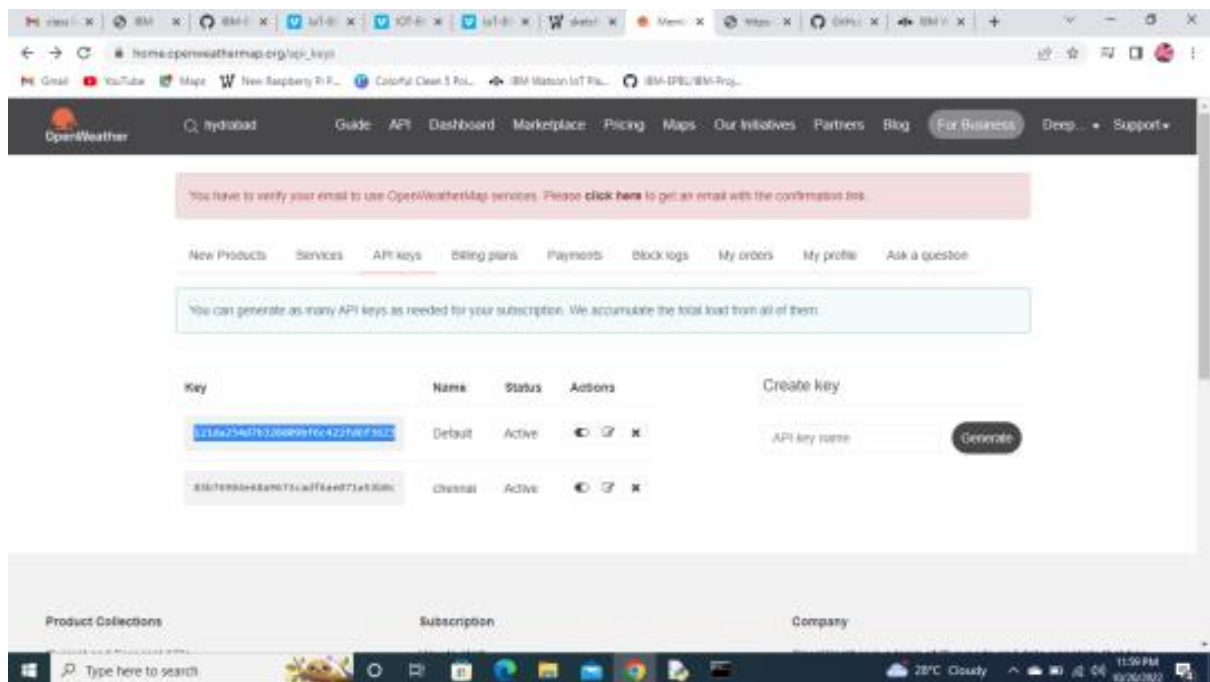
DATE	29 OCTOBER 2022
TEAM ID	PNT2022TMID46185
PROJECT TITLE	IoT Based on signs with smart connectivity for better road safety

USN-1 Install Watson IoT Python SDK TO Connect to UBM Watson Platform using python:

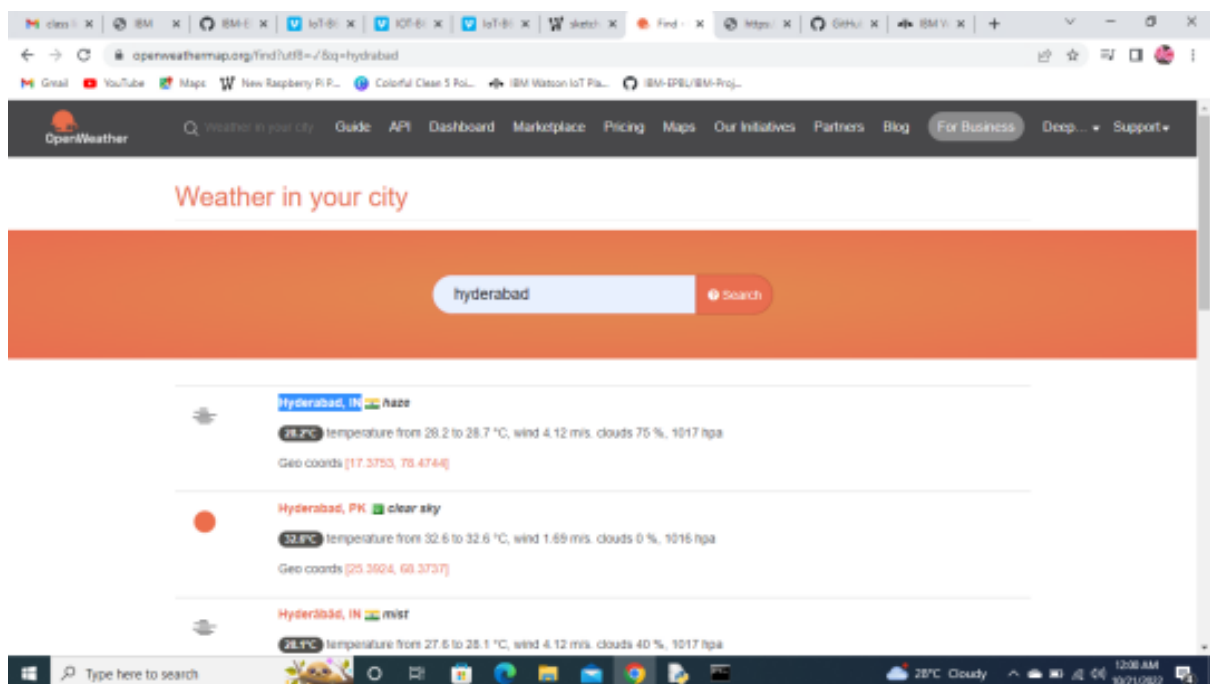




USN-2 Create An Account In Open weather Map Website:



The screenshot shows the OpenWeatherMap website's API keys management page. The browser address bar displays `https://home.openweathermap.org/api_keys`. The page header includes the OpenWeather logo, a search bar with "hyderabad" entered, and navigation links: Guide, API, Dashboard, Marketplace, Pricing, Maps, Our Initiatives, Partners, Blog, For Business, and Support. A red notification banner at the top states: "You have to verify your email to use OpenWeatherMap services. Please [click here](#) to get an email with the confirmation link." Below this, a light blue box informs the user: "You can generate as many API keys as needed for your subscription. We accumulate the total load from all of them." The main content area features a table with columns: Key, Name, Status, and Actions. Two keys are listed: "Default" (Active) and "Channel" (Active). To the right of the table is a "Create key" section with an "API key name" input field and a "Generate" button. At the bottom, there are tabs for "Product Collections", "Subscription", and "Company". The Windows taskbar at the bottom shows the time as 11:50 PM on 10/26/2022.



The screenshot shows the OpenWeatherMap website's "Weather in your city" page. The browser address bar displays `openweathermap.org/find?utf8=%26%3Fq=hyderabad`. The page header is identical to the previous screenshot. The main heading "Weather in your city" is displayed in orange. Below the heading is a large orange search bar containing the text "hyderabad" and a "Search" button. The search results are listed below the search bar, showing three entries for "Hyderabad":

- Hyderabad, IN** (India): haze. Temperature from 28.2 to 28.7 °C, wind 4.12 m/s, clouds 75 %, 1017 hpa. Geo coords [17.3753, 78.4744].
- Hyderabad, PK** (Pakistan): clear sky. Temperature from 32.6 to 32.6 °C, wind 1.69 m/s, clouds 0 %, 1016 hpa. Geo coords [25.3604, 68.3737].
- Hyderabad, IN** (India): mist. Temperature from 27.6 to 28.1 °C, wind 4.12 m/s, clouds 40 %, 1017 hpa.

The Windows taskbar at the bottom shows the time as 12:00 AM on 10/21/2022.

USN-3 IBM Cloud Services:

IBM Watson IoT platform

Service Details - IBM Cloud x You are signed in as vip x Node.js x Node-RED x +

cloud.ibm.com/services/iotf-service/cm%3Av1%3Abluemix%3Apublic%3Aiotf-service%3Aeu-gb%3Aa%2Fdb2ba874fab445795d83ef96b2ca7a8%3Ac0ed4805-6dcf-428...

Gmail YouTube Maps

IBM Cloud Search resources and products... Catalog Manage Selvakumar P's Account

Resource list / Internet of Things Platform-xf Active Add tags Details Actions...

Manage Plan Connections

Let's get started with IBM Watson IoT Platform

Securely connect, control, and manage devices. Quickly build IoT applications that analyze data from the physical world.

Launch Docs

Ready for the next level?

IBM Watson IoT Platform Journey

Lite Non-Production Production

Type here to search

Node-Red Service

You are signed in as vip x IBM x Project Templates - Nalaya T x Service Details - IBM Cloud x Node-RED x +

127.0.0.1:1880/#flow/863c9076e89a92f9

Gmail YouTube Maps

Node-RED Deploy

filter nodes

Flow 1

common

- inject
- debug
- complete
- catch
- status
- link in
- link call
- link out
- comment

function

- function

info

Search flows

Flows

- Flow 1
- Subflows
- Global Configuration Nodes

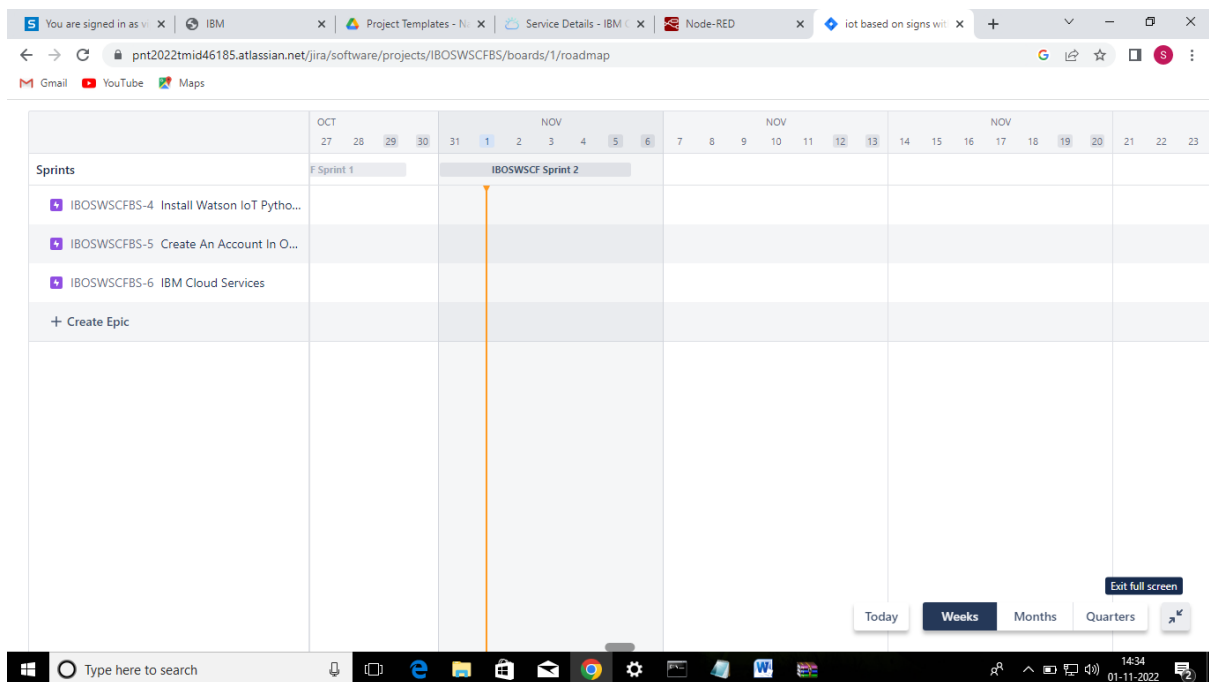
Flow 1

Flow "863c9076e89a92f9"

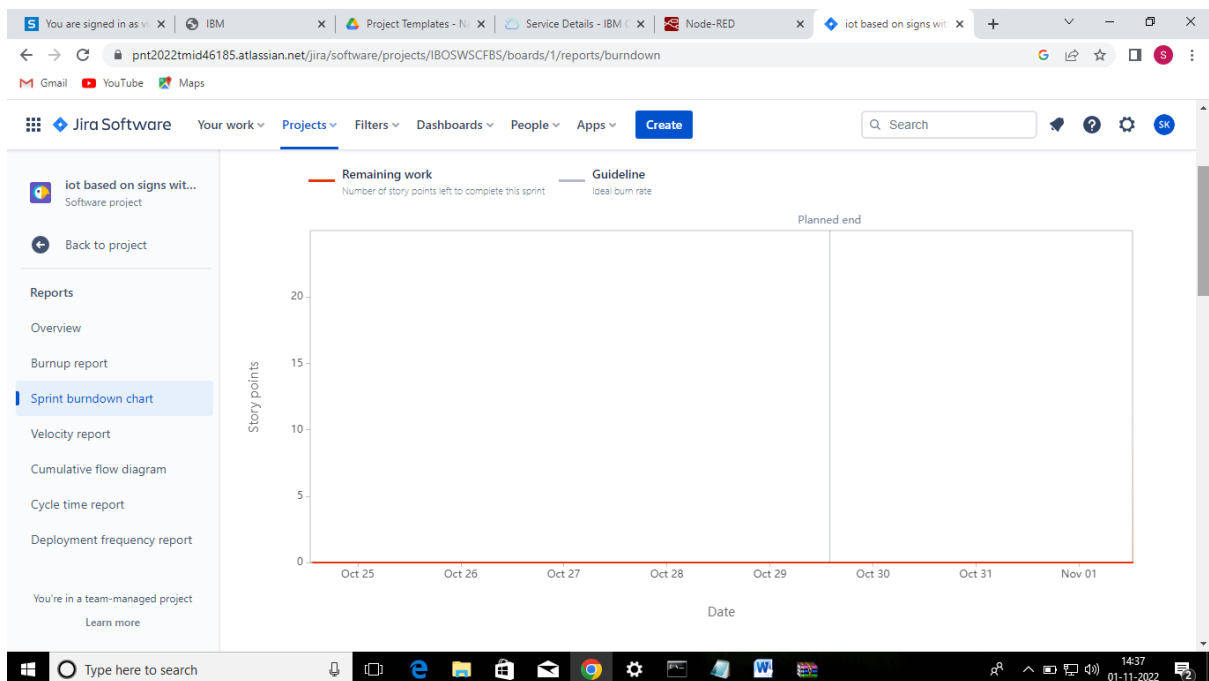
You can confirm your changes in the node edit tray with `ctrl+enter` or cancel them with `ctrl+escape`

Type here to search

ROADMAP:



BURNDOWN CHART:



VELOCITY REPORT:

