# Project Development Phase Delivery of Sprint 4

Date	3 November 2022
Team ID	PNT2022TMID20329
Project Name	Project –Gas leakage monitoring and alerting system for industries

## Task:

Sensed data is brought to Node-RED and displayed in the dashboard

## **Steps:**

- 1. IBM IoT node is used to gather sensor data.
  - a. Necessary API key is provided to establish a connection.
- 2. Using functions namely Temperature, Humidity, and Gas the data is obtained independently and displayed in the dashboard.
- 3. Dashboard Nodes are used to display the sensed data to the user in a portal.

### **Source code:**

Temperature: msg.payload = msg.payload.Temp;

return msg;

Humidity: msg.payload = msg.payload.Hum;

return msg;

Concentration of Gas: msg.payload = msg.payload.gas;

return msg;

#### **OUTPUT:**



