Project Development Phase
Delivery of Sprint 4

Date	3 November 2022
Team ID	PNT2022TMID20334
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 :

Hall AC

LIGHT OFF

switch

LIGHT ON

Gas