# SPRINT -2

| Team ID | PNT2022TMID47529 |
|---|---|
| Project Name | **Project** - Gas Leakage Monitoring and Alerting System |
| Maximum Marks | 2 Marks |
| **Team Members** | |
| Team Head | AJAY KUMAR K – 910419106001 |
| Team Member 1 | SNEHA R M – 910419106301 |
| Team Member 2 | KANNAKI M – 910419106003 |
| Team Member 3 | SUBITSHA R – 910419106009 |

## 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.

Sour code:

Temperature: msg.payload = msg.payload.Temperature;
            return msg;

Humidity: msg.payload = msg.payload.Humidity;
          return msg;

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

**OUTPUT**