PROJECT DEVELOPMENT PHASE

SPRINT – 2

Date	14 November 2022
Team ID	PNT2022TMID38668
Project Title	Gas Leakage Monitoring Alerting System For Industries

TASKS :

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

STEPS:

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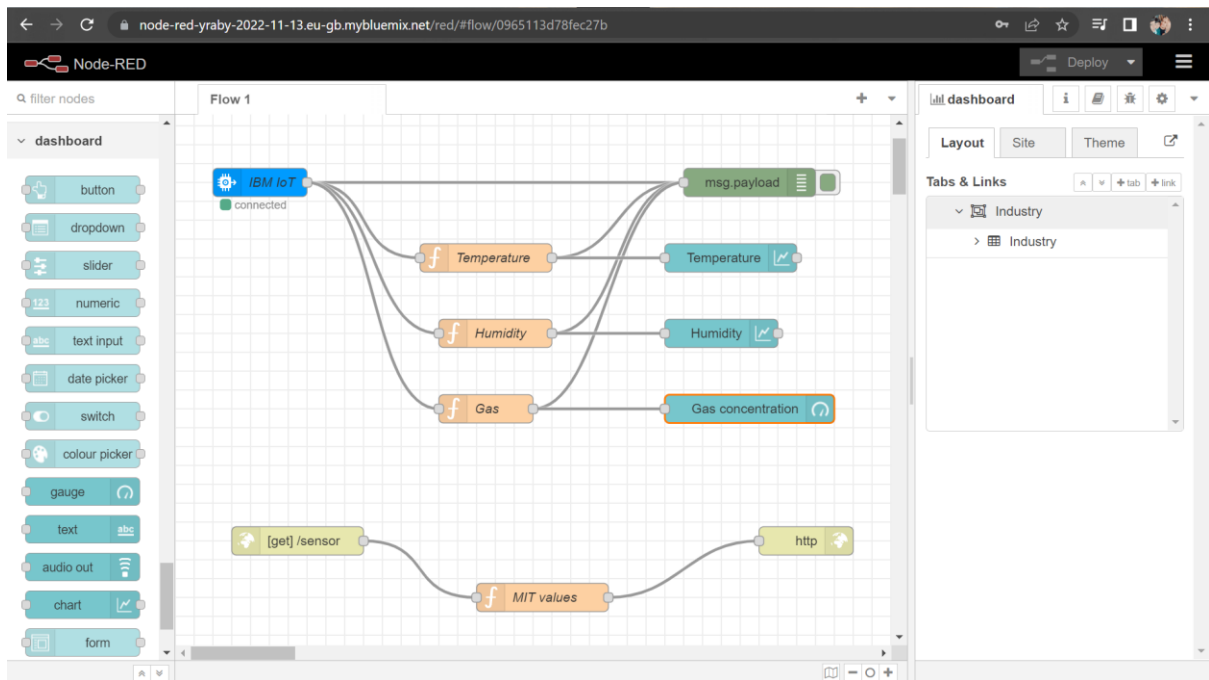
SOURCE CODE:

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:

1) Data is brought to Node-RED

2) Data is displayed in Dashboard