

TASK:

SPRINT-2

TEAM ID: PNT2022TMID44984

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

STEPS:

- IBM IoT node is used to gather sensor data.
 - a. Necessary API key is provided to establish connection.
- Using functions namely Temperature, Humidity and Gas the data is obtained independently and displayed in dashboard.
- 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:

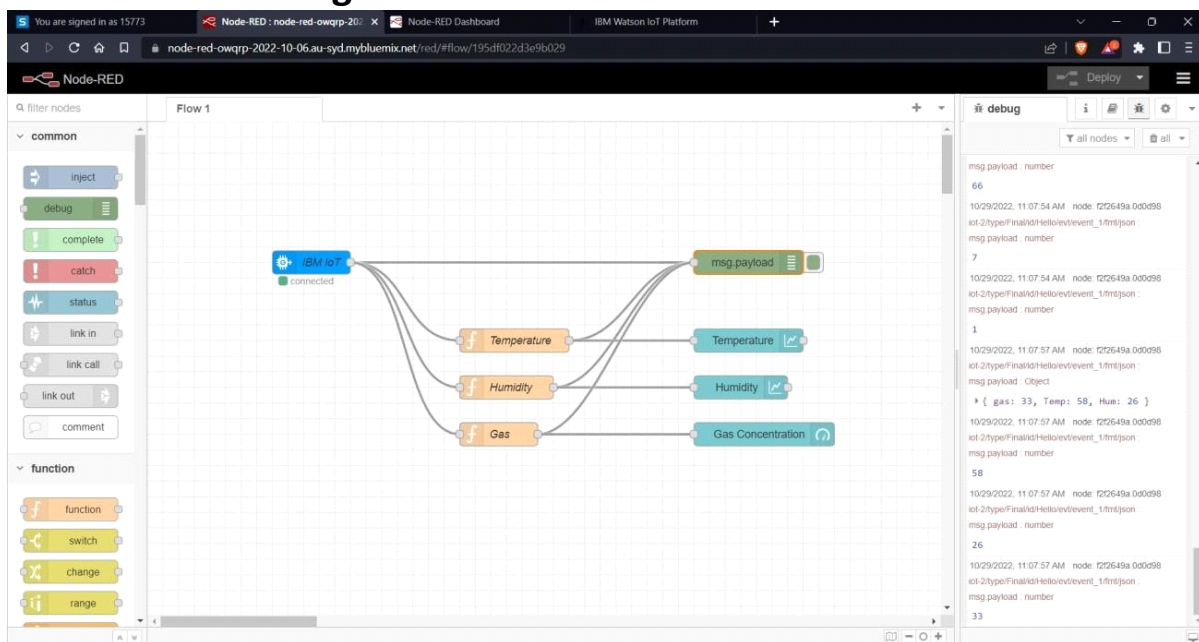
```
msg.payload =  
msg.payload.Hum;return  
msg;
```

Concentration of Gas:

```
msg.payload = msg.payload.gas;  
  
return  
msg;
```

Output:

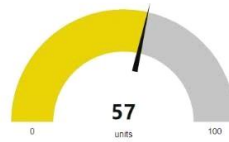
- **Data is brought to Node-RED**



- **Data is displayed in Dashboard**

Industry

Gas Concentration



Temperature

