

## Project Development Phase

### Delivery of Sprint 4

Date	3 November 2022
Team ID	PNT2022TMID20495
Project Name	GAS LEAKAGE MONITORING & ALTERING 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;
```

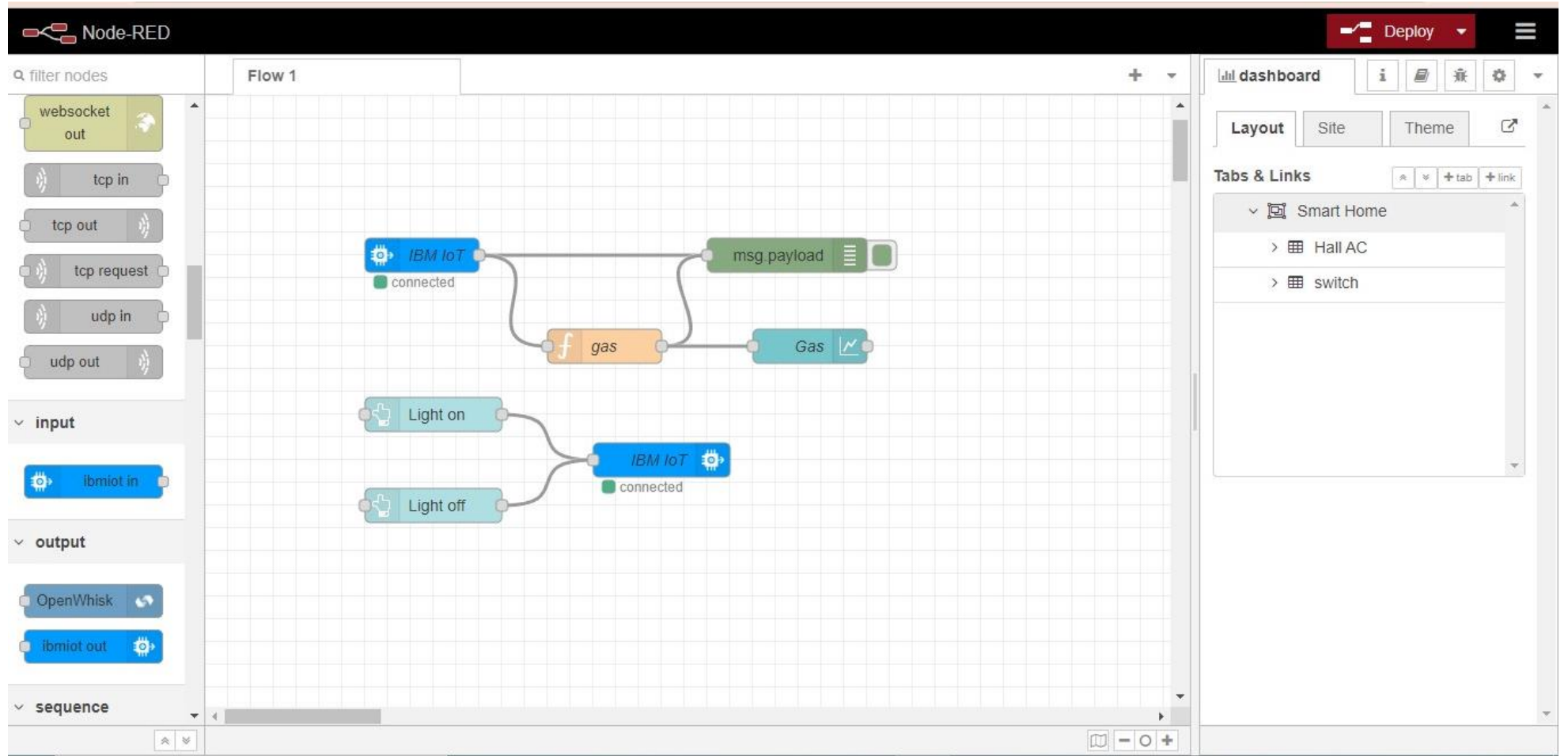
```
Humidity: msg.payload = msg.payload.Hum;
```

```
return msg;
```

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

```
return msg;
```

## OUTPUT :



Hall AC

switch

LIGHT OFF

LIGHT ON

Gas

