

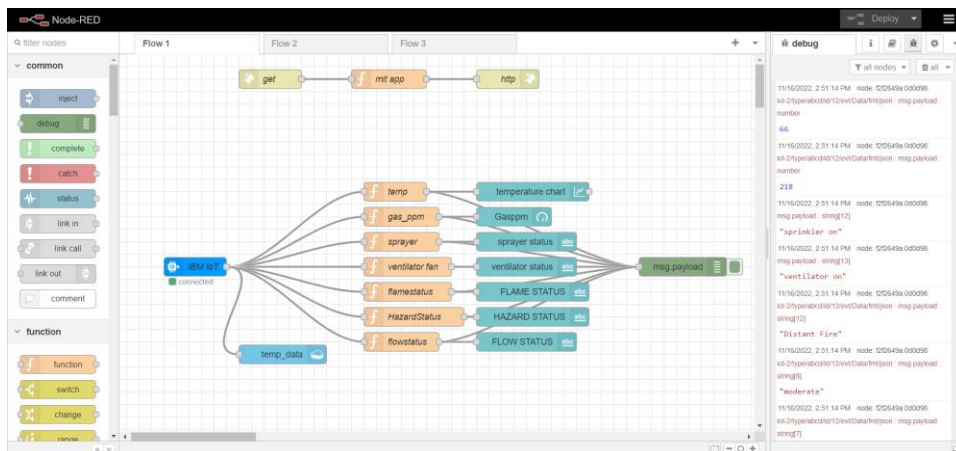
# Industry-Specific Intelligent Fire Management System

**TMID:- PNT2022TMID22485**

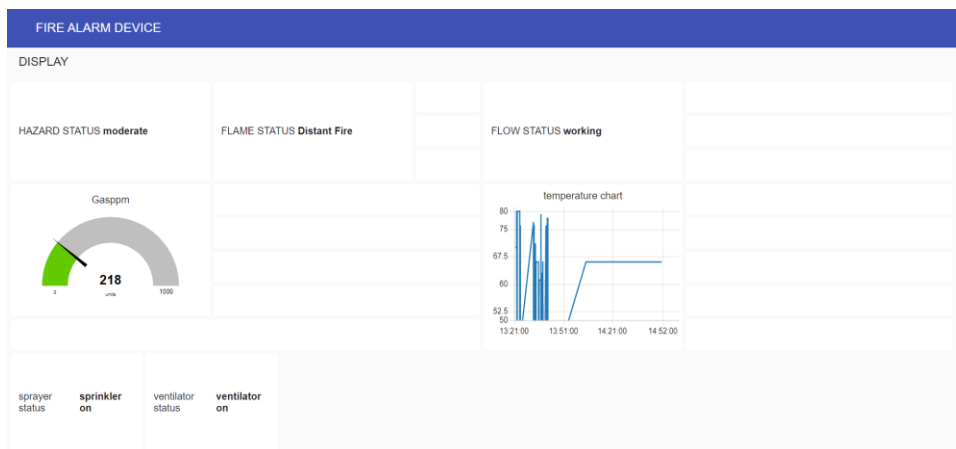
## **SPRINT-3**

## **NODE-RED**

1. Sending the data from the IBM Watson to the node-red for further process the data



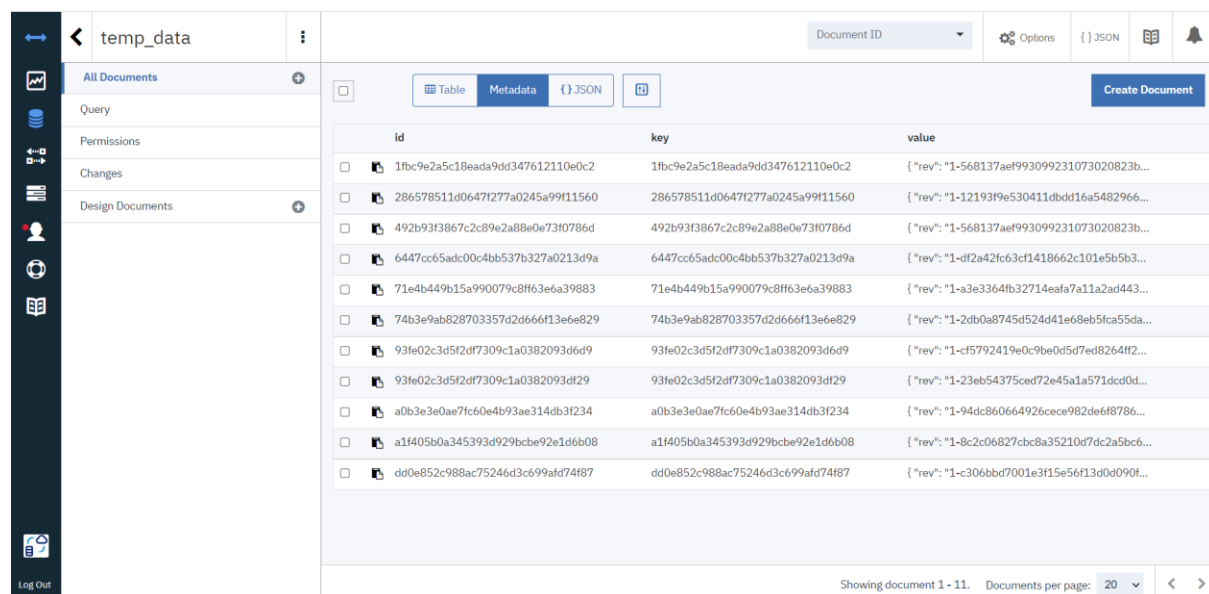
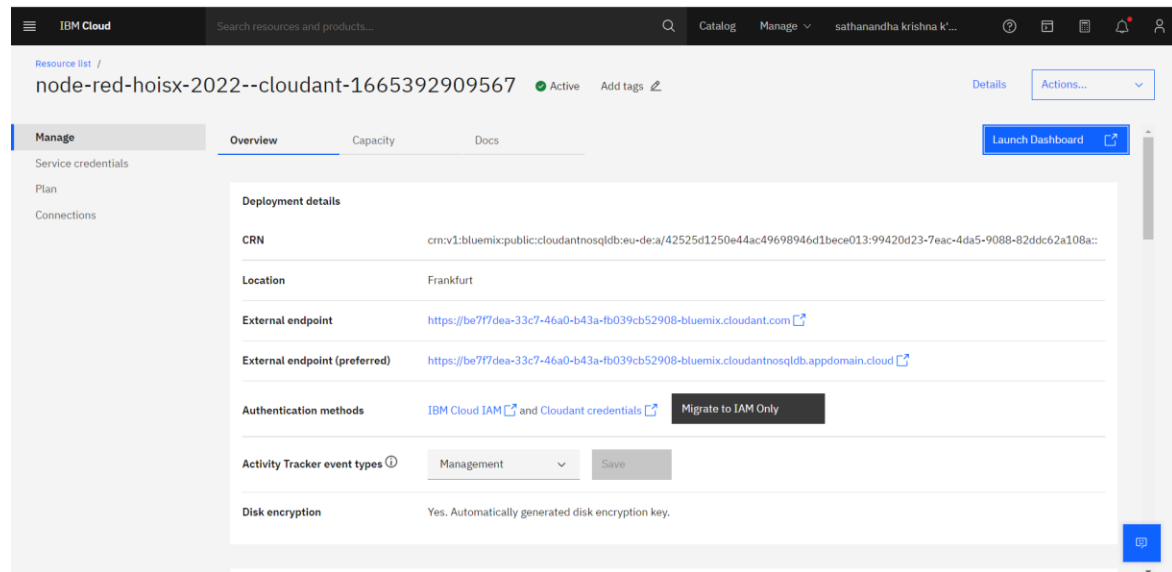
**OUTPUT IS DISPLAYED IN NODE RED**



## Data in json format



## 2. Storing the received sensor data in a cloud Database



Data is stored in cloudant

← → ↻

be7f7dea-33c7-46a0-b43a-fb039cb52908-bluemix.cloudant.com/dashboard.html#database/temp\_data/1fbc9e2a5c18ead9dd347612110e0c2

🔖 ☆ ⚙️ 👤

temp\_data > 1fbc9e2a5c18ead9dd347612110e0c2

{ } JSON 📖 🔔

💾 Save Changes Cancel

📎 Upload Attachment 🔄 Clone Document 🗑️ Delete

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26

```
1 {
2   "_id": "1fbc9e2a5c18ead9dd347612110e0c2",
3   "_rev": "1-568137aef993099231073020823b9969",
4   "topic": "iot-2/type/abcd/1d/12/evt/Data/fmt/json",
5   "payload": {
6     "sensor_values": {
7       "gas_ppm": 218,
8       "temperature": 66,
9       "blaze": 369,
10      "flow": 1
11    },
12    "output": {
13      "is_ventilator_on": true,
14      "is_sprayer_on": true
15    },
16    "messages": {
17      "fire_status": "Distant Fire",
18      "flow_status": "working",
19      "hazard_status": "moderate"
20    }
21  },
22  "deviceId": "12",
23  "deviceType": "abcd",
24  "eventType": "Data",
25  "format": "json"
26 }
```

Log Out

15:04