PROJECT PLANNING PHASE

SPRINT-2

Team ID	PNT2022TMID22464
Project Name	Industrial Specific Fire Management System

TASK:

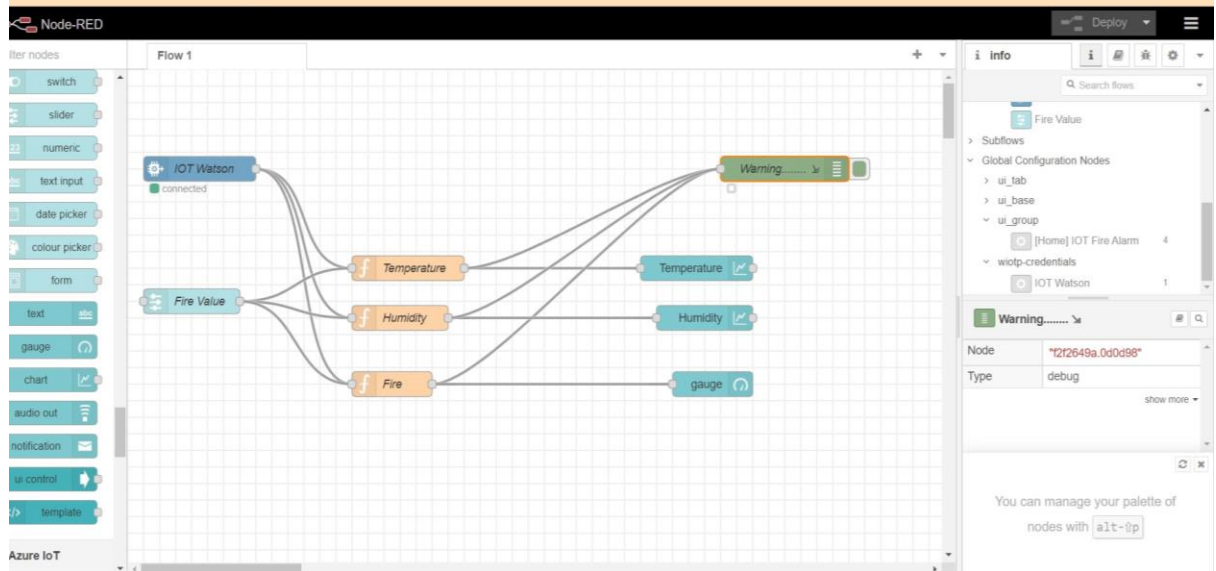Sensed data is brought to Node-RED and displayed in dashboard.

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 Fire 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:

1. Temperature:
```
msg.payload=msg.payload.Temp;
return msg;
```
2. Humidity:
```
msg.payload=msg.payload.Hum;
return msg;
```
3. Concentration of Fire:
```
msg.payload=msg.payload.Fire;
return msg;
```

OUTPUT:

1. Data is brought to Node-RED.

2. Data is displayed in dashboard.

IOT Fire Alarm

Humidity

gauge

70

units

slider

Temperature