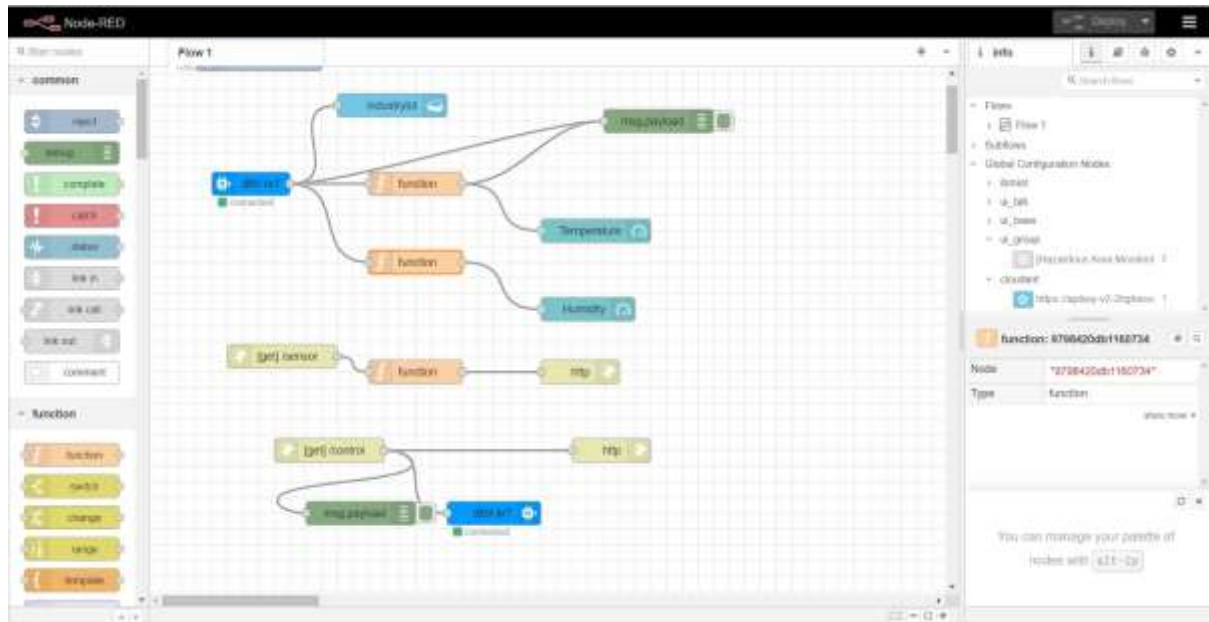


# Use Dashboard Nodes For Creating UI(Web App)

Date	10 November 2022
Team Id	PNT2022TMID48761
Title	Hazardous Area Monitoring for Industrial Plant using IoT

## Node red flow



## Dashboard configuration

This screenshot shows the Node-RED interface with a flow named 'Flow 1'. The flow includes a 'mqtt in' node connected to two 'function' nodes, which are then connected to a 'mqtt out' node. A 'gauge' node is also present in the flow. The 'Edit gauge node' panel is open, showing the configuration for the 'gauge' node. The configuration includes:

- Group:** [Humidity Area Monitoring for Industrial]
- Size:** auto
- Type:** Gauge
- Label:** Temperature
- Value format:** {{value}}
- Units:** °C
- Range:** min: 0, max: 100
- Colour gradient:** [Green, Yellow, Red]
- Sectors:** 0, optional: 100
- Class:** Optional CSS class names for widget
- Name:**

The 'Info' panel on the right shows the node's details, including its ID '700a220f1d30b14d' and type 'ui\_gauge'.

This screenshot shows the Node-RED interface with a flow named 'Flow 1'. The flow includes a 'mqtt in' node connected to two 'function' nodes, which are then connected to a 'mqtt out' node. A 'gauge' node is also present in the flow. The 'Edit gauge node' panel is open, showing the configuration for the 'gauge' node. The configuration includes:

- Group:** [Humidity Area Monitoring for Industrial]
- Size:** auto
- Type:** Gauge
- Label:** Humidity
- Value format:** {{value}}
- Units:** %
- Range:** min: 0, max: 100
- Colour gradient:** [Green, Yellow, Red]
- Sectors:** 0, optional: 100
- Class:** Optional CSS class names for widget
- Name:**

The 'Info' panel on the right shows the node's details, including its ID '7a214ca0c4e20e' and type 'ui\_gauge'. A note at the bottom of the 'Info' panel states: 'Export the selected node current tab with [ctrl] + [E]'.

## Final Output - Dashboard

Hazardous Area Monitoring for Industrial Plant powered by IoT

Indicators

Humidity



Temperature

