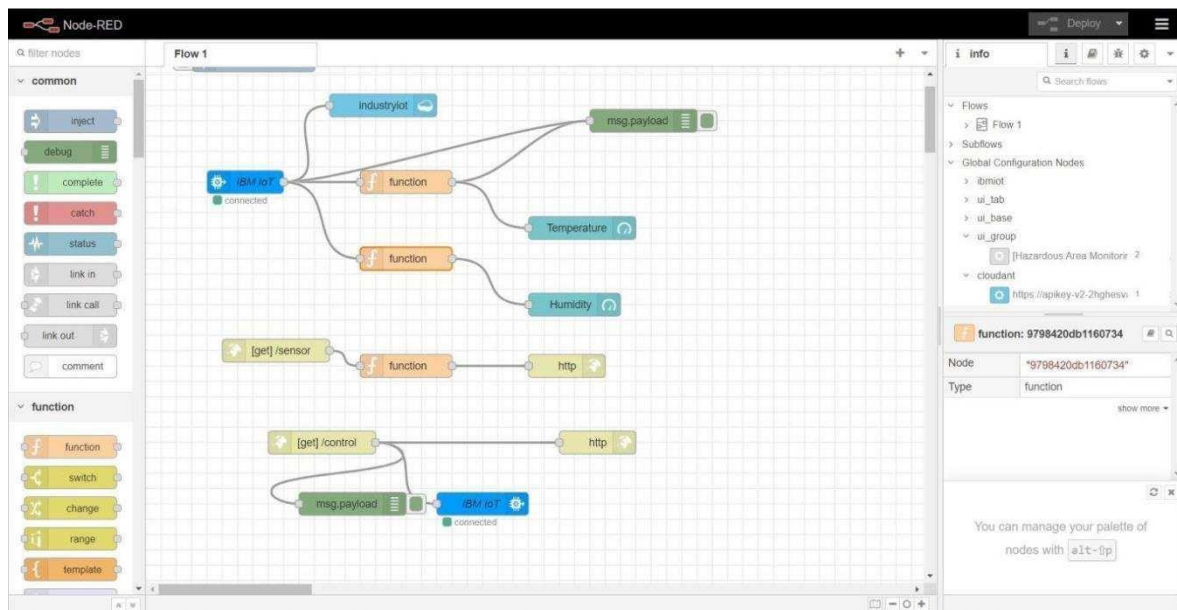


# Use Dashboard Nodes For Creating UI(Web App)

<b>Team Id</b>	<b>PNT2022TMID26034</b>
<b>Project Name</b>	<b>Hazardous area monitoring for industrial plant powered by IOT</b>
<b>Team Lead</b>	<b>Mukhul Krishna M.B</b>
<b>Team Member 1</b>	<b>Nirmal Kumar S</b>
<b>Team Member 2</b>	<b>Karrthik T</b>
<b>Team Member 3</b>	<b>Lalith Adhithyan B</b>

## Node red flow



# Use Dashboard Nodes For Creating UI(Web App)

## Dashboard configuration

The image shows the Node-RED web interface. On the left, the 'common' and 'function' node palettes are visible. The central workspace displays a flow named 'Flow 1' with several nodes: an 'IBM IoT' node, an 'industryiot' node, two 'function' nodes, a '[get]/sensor' node, a '[get]/control' node, a 'msg.payload' node, and another 'IBM IoT' node. On the right, the 'Edit gauge node' panel is open, showing the configuration for a 'Gauge' widget. The configuration includes: Group: '[Hazardous Area Monitoring for Industri...', Size: 'auto', Type: 'Gauge', Label: 'Temperature', Value format: '{{value}}', Units: 'c', Range: min 0, max 100, Colour gradient: a green-to-yellow-to-red gradient, Sectors: 0, optional, optional, 100, Class: 'Optional CSS class name(s) for widget', and Name: (empty). Below the configuration, there is a note: 'Hold down **⌘** when you **click** on a node to also select all of its connected nodes'. The 'info' panel on the far right shows the flow structure and the selected node's details.

The image shows the Node-RED web interface, similar to the first one, but with a different configuration. The flow 'Flow 1' is the same, but the 'Edit gauge node' panel is now configured for a 'Gauge' widget labeled 'Humidity'. The configuration includes: Group: '[Hazardous Area Monitoring for Industri...', Size: 'auto', Type: 'Gauge', Label: 'Humidity', Value format: '{{value}}', Units: '%', Range: min 0, max 100, Colour gradient: a green-to-yellow-to-red gradient, Sectors: 0, optional, optional, 100, Class: 'Optional CSS class name(s) for widget', and Name: (empty). The 'info' panel on the right shows the node details for 'Humidity' with Node ID '\*a214ca604eabe' and Type 'ui\_gauge'. At the bottom of the 'info' panel, there is a note: 'Export the selected node current tab with **ctrl**'.

# Use Dashboard Nodes For Creating UI(Web App)

## Final Output - Dashboard

