

WEB DASHBOARD NODES FOR CREATE UI

Team ID	PNT2022TMID18013
Project Name	Project – IOT Based Real time River Water Quality Monitoring and Control System

Node-Red Dashboard Blocks

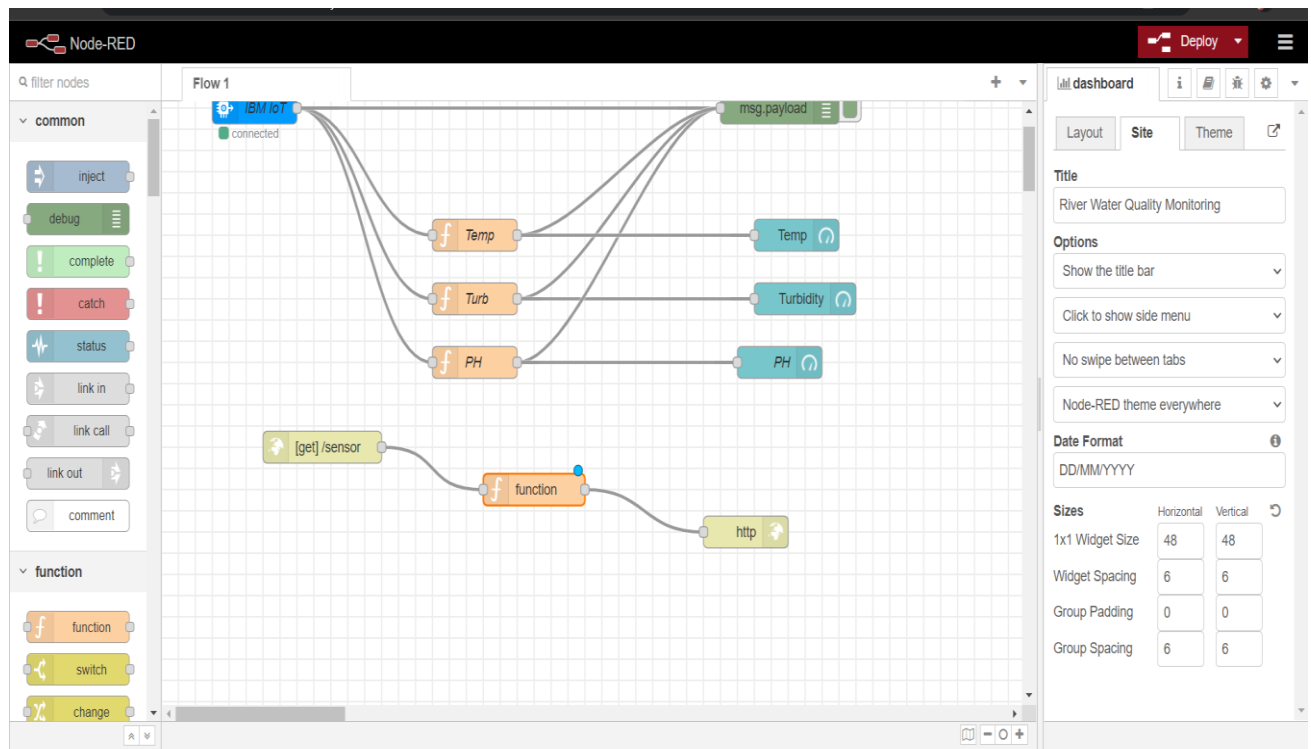
1. To create a gauge chart to view in dashboard

The screenshot shows the 'Edit gauge node' configuration panel in Node-Red. The panel has a title bar with 'Delete', 'Cancel', and 'Done' buttons. Below the title bar is a 'Properties' tab with a settings icon, a document icon, and a preview icon. The configuration fields are as follows:

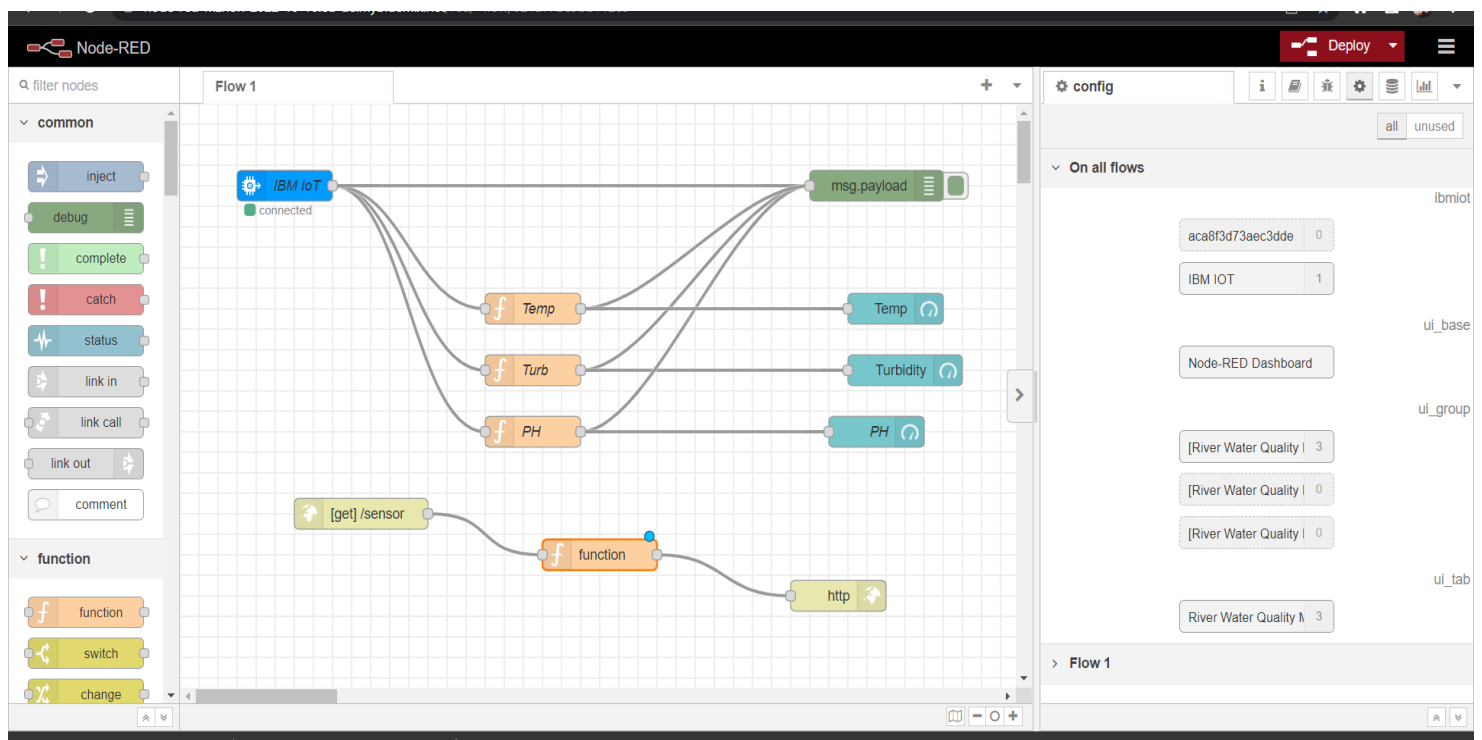
- Group:** A dropdown menu showing '[River Water Quality Monitoring] Wate' with a pencil icon to its right.
- Size:** A text input field containing 'auto'.
- Type:** A dropdown menu showing 'Gauge'.
- Label:** A text input field containing 'Temp'.
- Value format:** A text input field containing '{{value}}'.
- Units:** A text input field containing 'units'.
- Range:** Two text input fields labeled 'min' and 'max' containing '0' and '40' respectively.
- Colour gradient:** Three colored squares (green, yellow, red) representing a gradient.
- Sectors:** A range of values from 0 to 40, with 'optional' text in the middle.
- Class:** A text input field containing 'Optional CSS class name(s) for widget'.

At the bottom of the panel, there is a checkbox labeled 'Enabled' which is currently checked.

2. Code blocks of the dashboard



3. Flow of the total process.



OUTPUT OF DashBoard

