

Creating a Node-Red UI to view data in Separate Graphical form

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Team ID	PNT2022TMID27071
Project Name	Project - Gas Leakage Monitoring and Alerting System for Industries.

After creating the Node Red Web Application, we have to install the UI interface in Node Red.

- Copy and pasting the URL of the NodeRed in the new tab

The screenshot displays a web browser window with multiple tabs, including IBM, WhatsApp, Meet, Node-RED, IBM Watson IoT Platform, and a New Tab. The active tab shows the Node-RED interface at the URL <https://node-red-xzsrq-2022-11-05.eu-gb.mybluemix.net/red/#flow/760cbcb747147ae1>. The interface features a left sidebar with a 'filter nodes' search bar and a list of nodes including button, dropdown, switch, slider, numeric, text input, date picker, colour picker, form, text, gauge, chart, audio out, notification, ui control, and template. The main workspace shows 'Flow 1' with a flow diagram. The flow starts with an 'IBM IoT' node (labeled 'connected') which branches into five parallel processing nodes: 'Hazardous Gas', 'Temperature', 'Humidity', and 'Pressure' (all with function icons), and a 'msg.payload' node. Each of these four function nodes is connected to a corresponding output node on the right: 'Hazardous Gas', 'Temperature', 'Humidity', and 'Pressure'. The right sidebar contains a 'debug' console showing a log of messages. The messages are timestamped '11/6/2022, 9:39:25 PM' and '11/6/2022, 9:39:29 PM', and include details like 'node: b0ec530feac71d47', 'iot-2/type/KumaranId/12345/ev/levent_1/fmt/json', and 'msg.payload: number'. The bottom of the screen shows a Windows taskbar with various application icons and system information like '28°C Haze' and '21:42 06-11-2022'.

Browser tabs: IBM, WhatsApp, Meet - wkm-egyr-bhi, Node-RED : node-red-xzsrq, IBM Watson IoT Platform, New Tab

Address bar: <https://node-red-xzsrq-2022-11-05.eu-gb.mybluemix.net/ui>

Node-RED Dashboard - <https://node-red-xzsrq-2022-11-05.eu-gb.mybluemix.net/ui>

Search: Search Google or type a URL

Shortcuts: Download an..., Google, Download an..., National Eli..., Outlook, National Eli..., National Eli..., Inbox (175) - J..., Add shortcut

Activate Windows
Go to Settings to activate Windows.
[Customize Chrome](#)

Taskbar: Type here to search, 28°C Haze, 21:41, 06-11-2022

➤ Output

Browser tabs: IBM, IoT-B2-2M4E (M..., WhatsApp, Meet - wkm-..., Node-RED : node..., IBM Watson IoT..., gallon symbol - C..., Node-RED Dash...

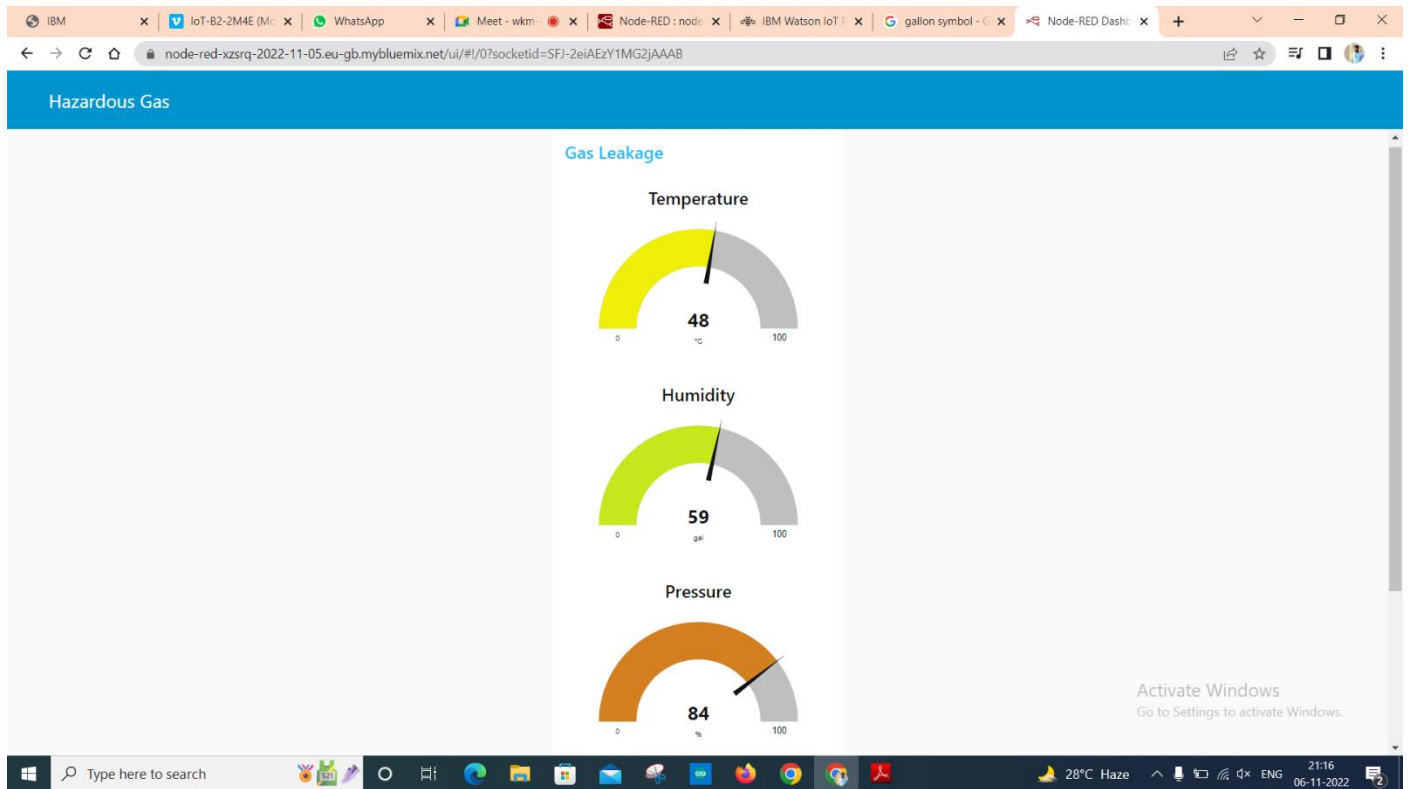
Address bar: node-red-xzsrq-2022-11-05.eu-gb.mybluemix.net/ui/#/0?socketid=SFJ-2eiAEzY1MG2JAAAB

Hazardous Gas

Parameter	Value	Unit
Humidity	61	gal
Pressure	90	%
Hazardous Gas	72	ppm

Activate Windows
Go to Settings to activate Windows.

Taskbar: Type here to search, 28°C Haze, 21:17, 06-11-2022



Result:

Thus, the Node Red UI is created successfully.