

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 labeled with a function icon 'f'). Each of these nodes is connected to a corresponding output node on the right: 'Hazardous Gas', 'Temperature', 'Humidity', and 'Pressure' (all labeled with a refresh icon). A 'msg.payload' node is also connected to the 'Hazardous Gas' output node. The right sidebar shows a 'debug' console with a list of messages, including timestamps and data objects like `{ HazardousGas: 26, Temperature: 32, Humidity: 57, Pressure: 45 }`. 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 Eligi..., Outlook, National Eligi..., National Eligi..., 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 P..., 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

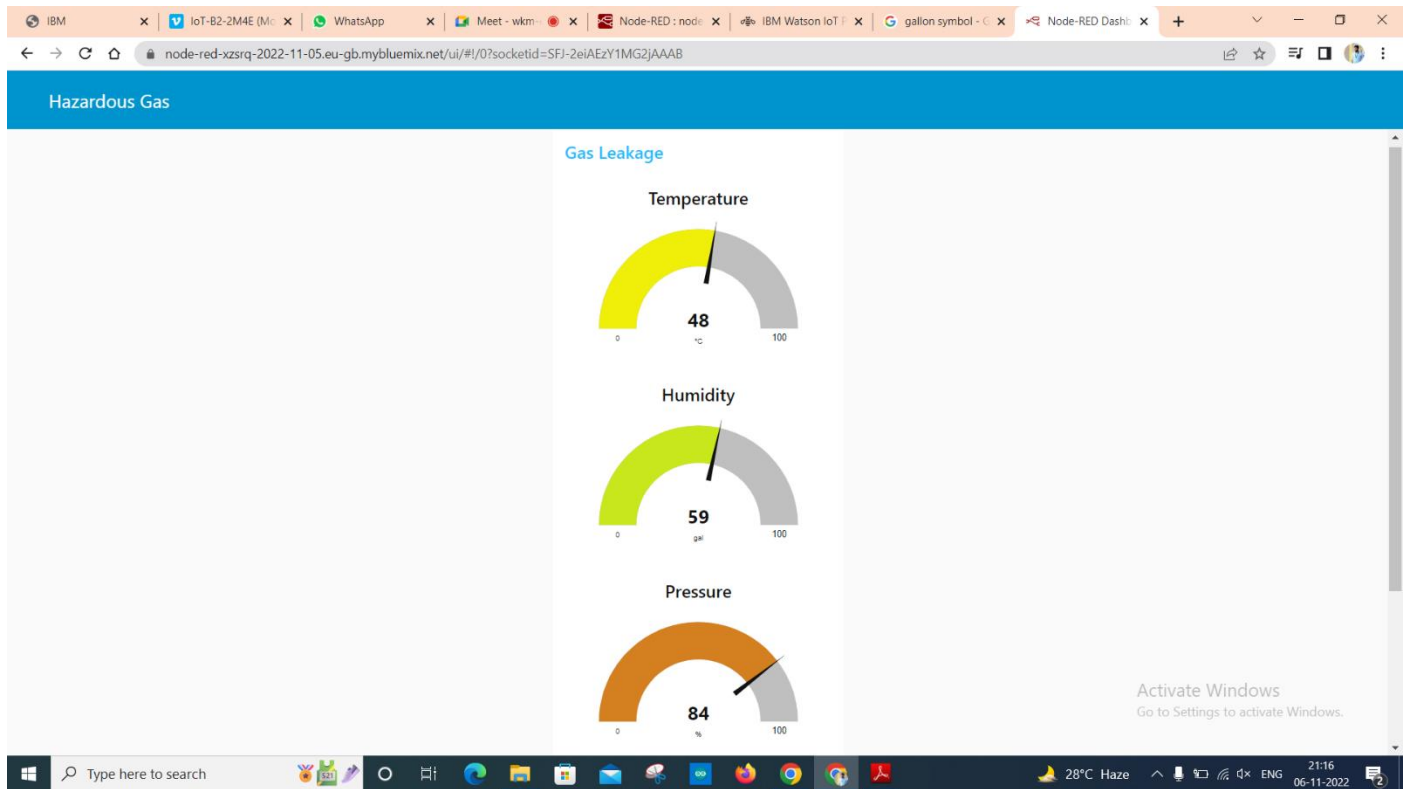
Humidity: 61 gal

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



Link: <https://node-red-xzsrq-2022-11-05.eu-gb.mybluemix.net/ui/#!/0?socketid=SFJ-2eiAEzY1MG2jAAAB>

Result:

Thus, the Node Red UI is created successfully.