

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

Date	07 November 2022
Team ID	PNT2022TMID53803
Project Name	Project - Gas Leakage Monitoring and Alerting System for Industries.

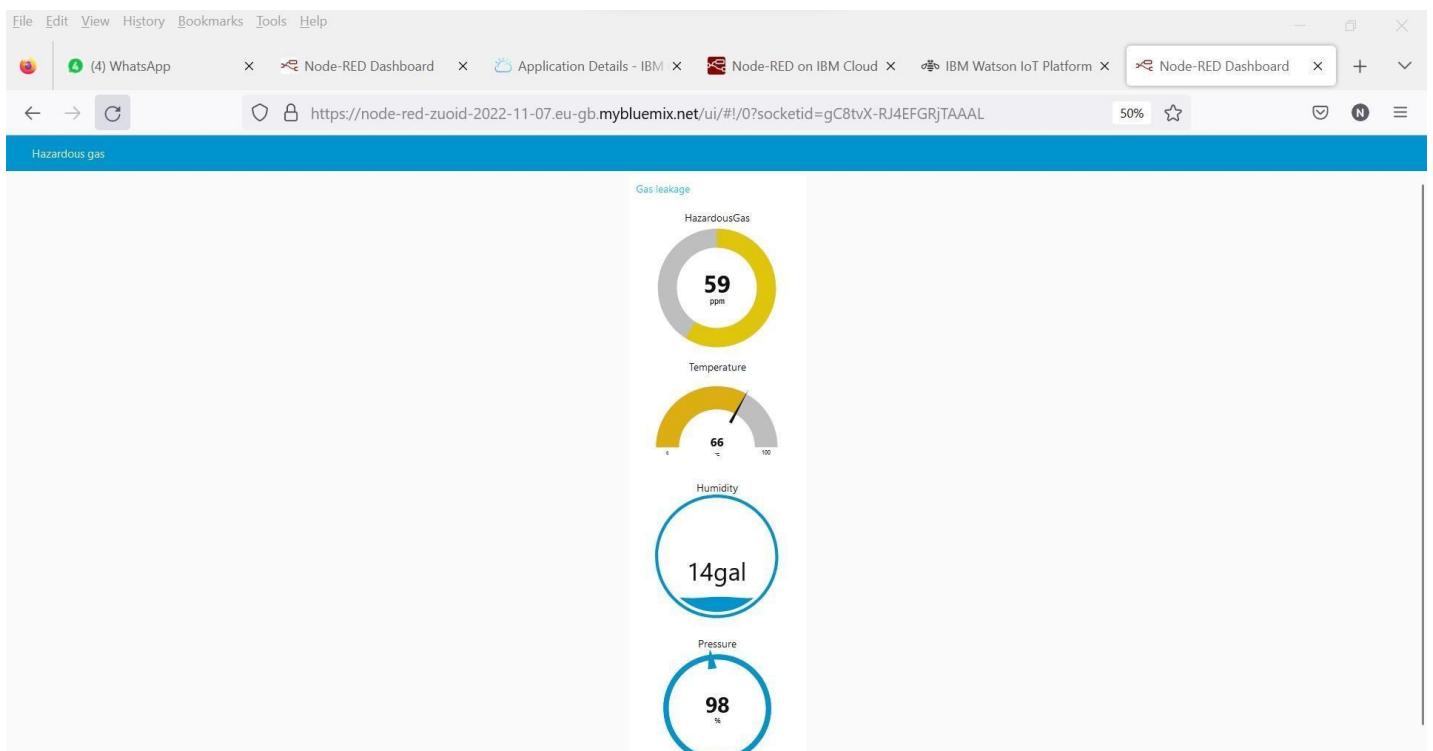
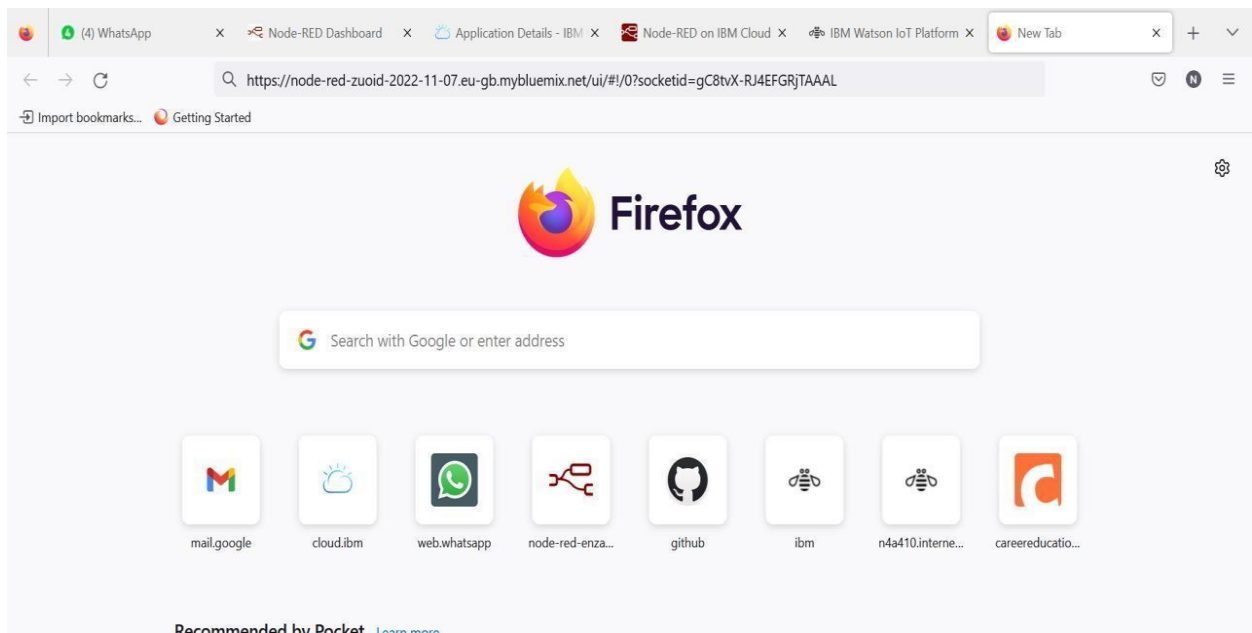
**After creating the Node Red Web Application, we have to install the UI interface in Node Red.**

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

The screenshot displays the Node-RED web interface in a browser. The address bar shows the URL: <https://node-red-enzae-2022-11-05.eu-gb.mybluemix.net/red/#flow/58386317e0207858>. The interface includes a left sidebar with a 'filter nodes' search bar and a list of common nodes (inject, debug, complete, catch, status, link in, link call, link out, comment) and function nodes. The main workspace shows 'Flow 2' with a flow diagram. The flow starts with an 'IBM IoT' node (labeled 'connected') that branches into four parallel paths. Each path consists of a function node (labeled 'Hazardous gas', 'Temperature', 'Humidity', and 'Pressure' respectively) followed by a corresponding output node (labeled 'Hazardous gas', 'temperature', 'humidity', and 'Pressure' respectively). A 'msg.payload' node is also present in the flow. The right sidebar shows a 'debug' console with a log of messages, including timestamps and node IDs, and a JSON payload: 

```
{ Hazardous Gas: 32, temperature: 23, humidity: 25, Pressure: 78 }
```

Output :



Link: <https://node-red-zuoid-2022-11-07.eu-gb.mybluemix.net/ui/#!/0?socketid=gC8tvX-RJ4EFGRjTAAAL>

## Result:

Thus, the Node Red UI is created successfully.