

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

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| Date | 10 November 2022 |
| Team ID | PNT2022TMID50190 |
| Project Name | 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.

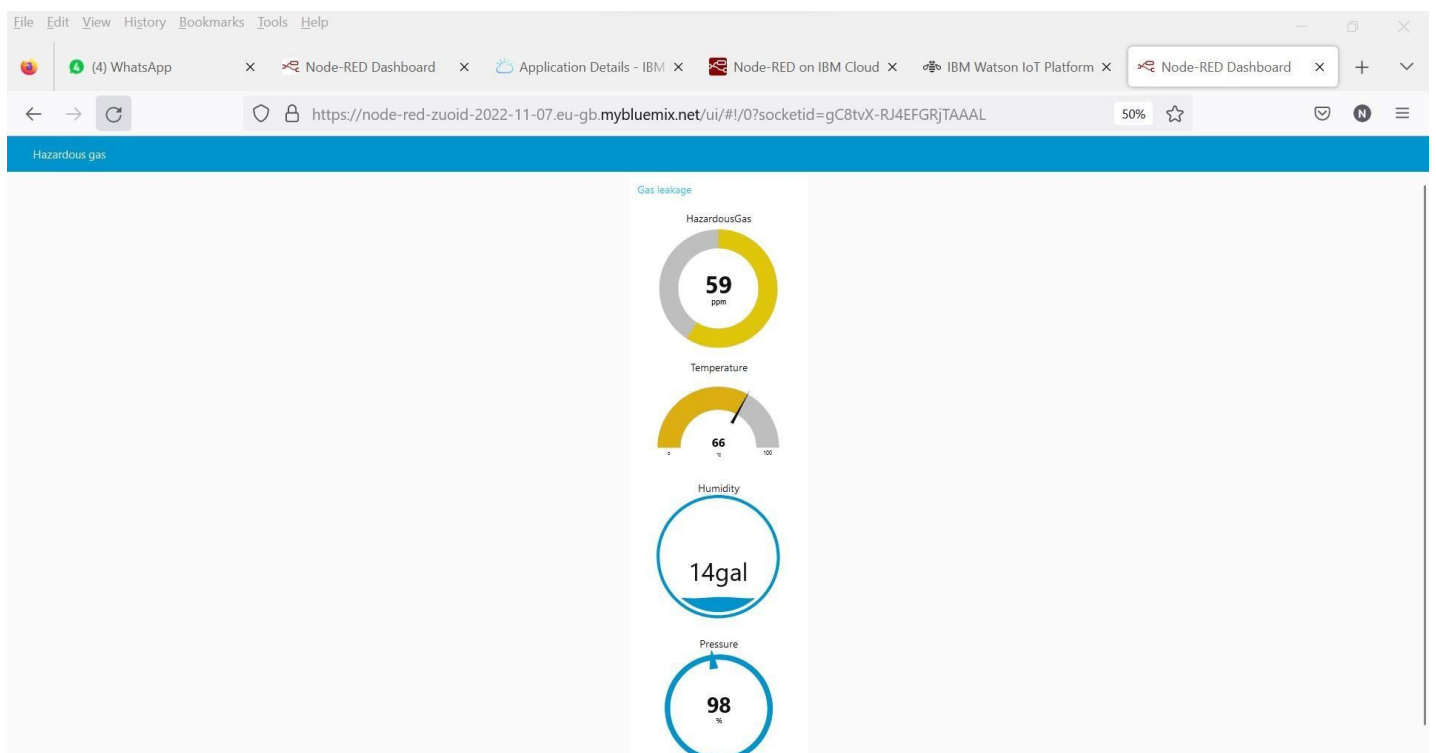
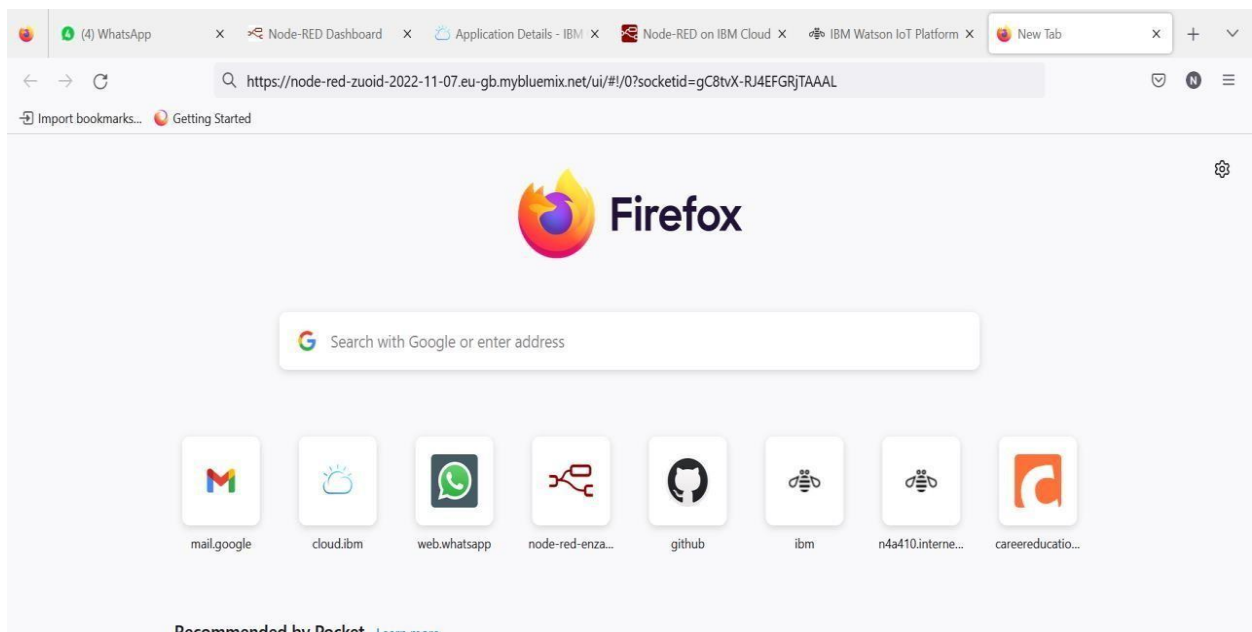
- Copy and pasting the URL of the NodeRed in the new tab

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 two categories of nodes: 'common' (inject, debug, complete, catch, status, link in, link call, link out, comment) and 'function' (empty function block). The main workspace shows 'Flow 2' with a flow diagram. It 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 'msg.payload' node. These four paths then converge into a single output stream that feeds into four separate output nodes (labeled 'Hazardous gas', 'temperature', 'humidity', and 'Pressure'). The right sidebar shows the 'debug' console with a list of messages. The messages are JSON objects containing sensor data:

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

. The messages are timestamped and include node IDs.

Output :



Link: <https://node-red-zuoid-2022-11-10.eu-gb.mybluemix.net/ui/#!/0?socketid=gC8tvX-RJ4EFGRjTAAAL>

Result:

Thus, the Node Red UI is created successfully.