

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

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Team ID	PNT2022TMID15909
Project Name	Gas Leakage Monitoring and Alerting System for Industries.

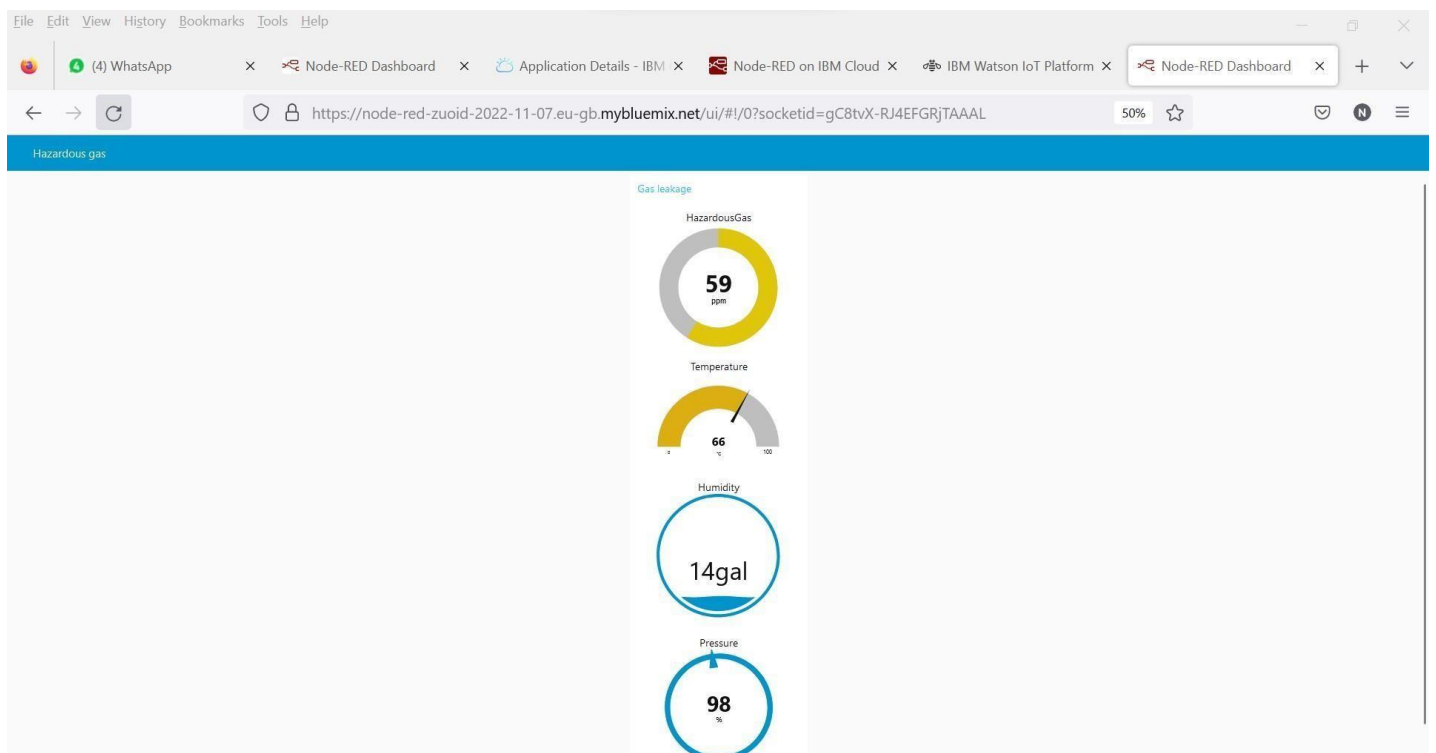
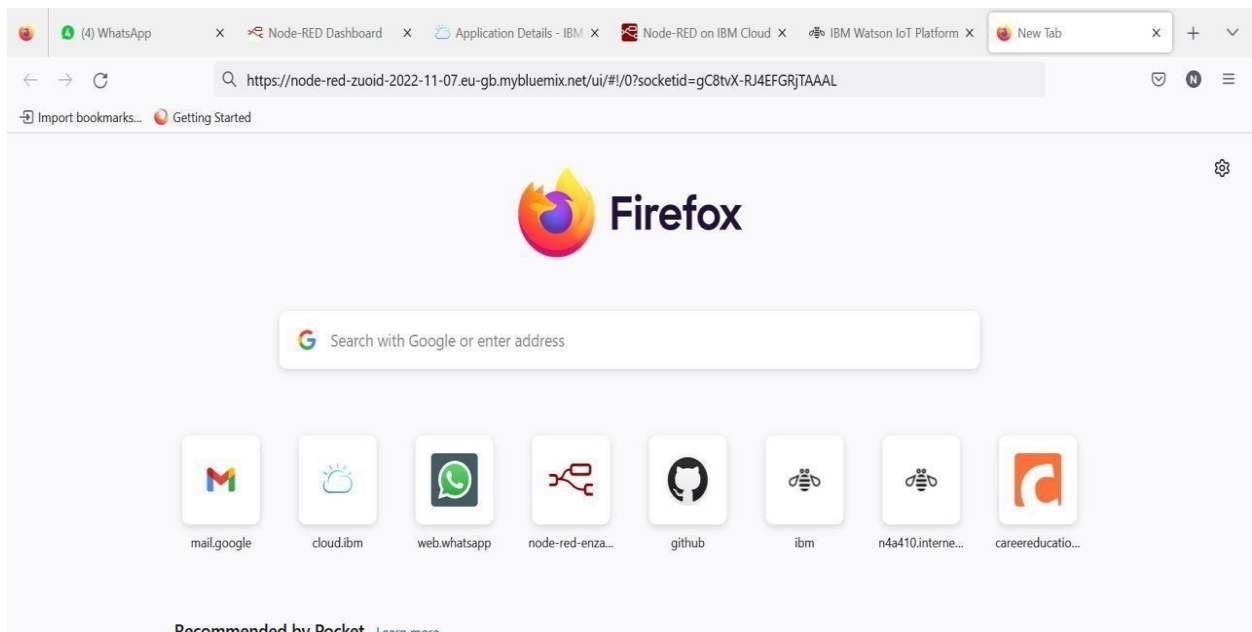
**After creating the Node Red Web Application, we have to install the UI interface in Node Red.**

- 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 starting from an 'IBM IoT' node (labeled 'connected'). This node connects to four function blocks: 'Hazardous gas', 'Temperature', 'Humidity', and 'Pressure'. Each function block is connected to a corresponding output node: 'Hazardous gas', 'temperature', 'humidity', and 'Pressure'. A 'msg.payload' node is also present in the flow. The right sidebar shows a 'debug' console with a list of messages. The messages are JSON objects containing IoT data, such as: 

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

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.