

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

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Team ID	PNT2022TMID25221
Project Name	Gas Leakage Monitoring and Alerting System for Industries.

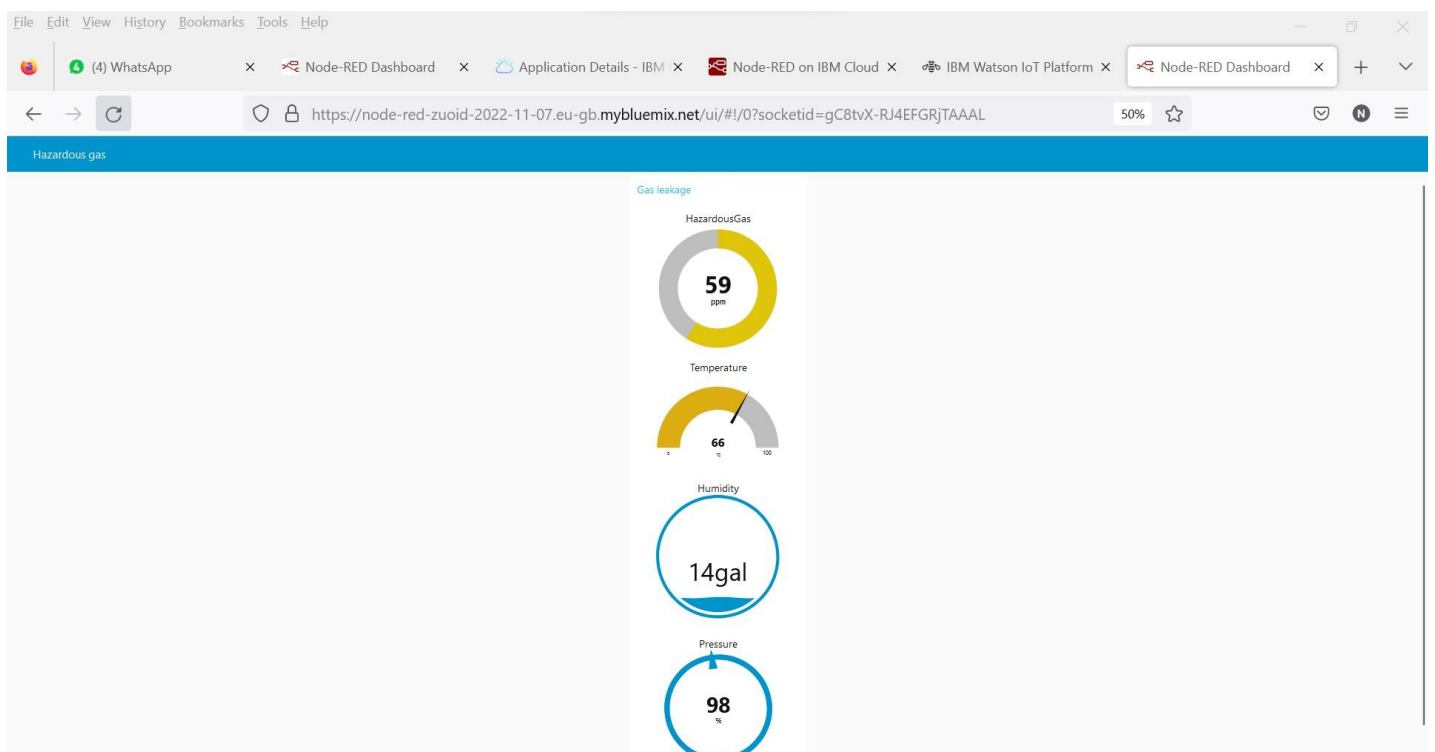
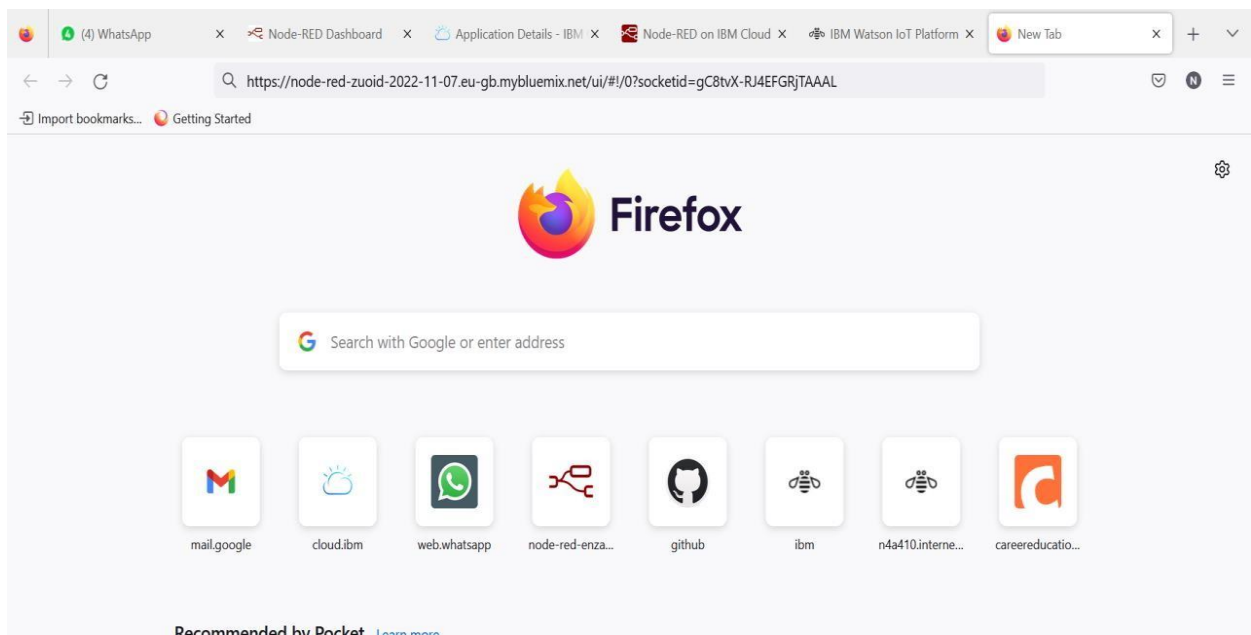
After creating the Node Red Web Application, we have to install the UI interface in Node Red.

- 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 features a left sidebar with node categories (common, function) and a central workspace with a grid. A flow named 'Flow 2' is active, starting with an 'IBM IoT' node (labeled 'connected'). This node connects to four function nodes: 'Hazardous gas', 'Temperature', 'Humidity', and 'Pressure'. Each function node 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 logs for the flow, including timestamps and node IDs. The logs show the following data:

```
8/11/2022, 9:53:17 pm node: c030ccb05b0e57d6
iot-2/type/TestDeviceType/id/123456/evt/event_1/fmt/json :
msg.payload : undefined
undefined
8/11/2022, 9:53:17 pm node: c030ccb05b0e57d6
iot-2/type/TestDeviceType/id/123456/evt/event_1/fmt/json :
msg.payload : undefined
undefined
8/11/2022, 9:53:17 pm node: c030ccb05b0e57d6
iot-2/type/TestDeviceType/id/123456/evt/event_1/fmt/json :
msg.payload : Object
{ Hazardous Gas: 32, temperature: 23, humidity: 25, Pressure: 78 }
8/11/2022, 9:53:17 pm node: c030ccb05b0e57d6
iot-2/type/TestDeviceType/id/123456/evt/event_1/fmt/json :
msg.payload : Object
{ Hazardous Gas: 32, temperature: 23, humidity: 25, Pressure: 78 }
8/11/2022, 9:53:18 pm node: c030ccb05b0e57d6
```

Output :



Link: <https://node-red-zuoid-2022-11-10.eu-gb.mybluemix.net/ui/#!/0?socketid=gC8tvX-RJ4EFGJTAAL>

Result:

Thus, the Node Red UI is created successfully.