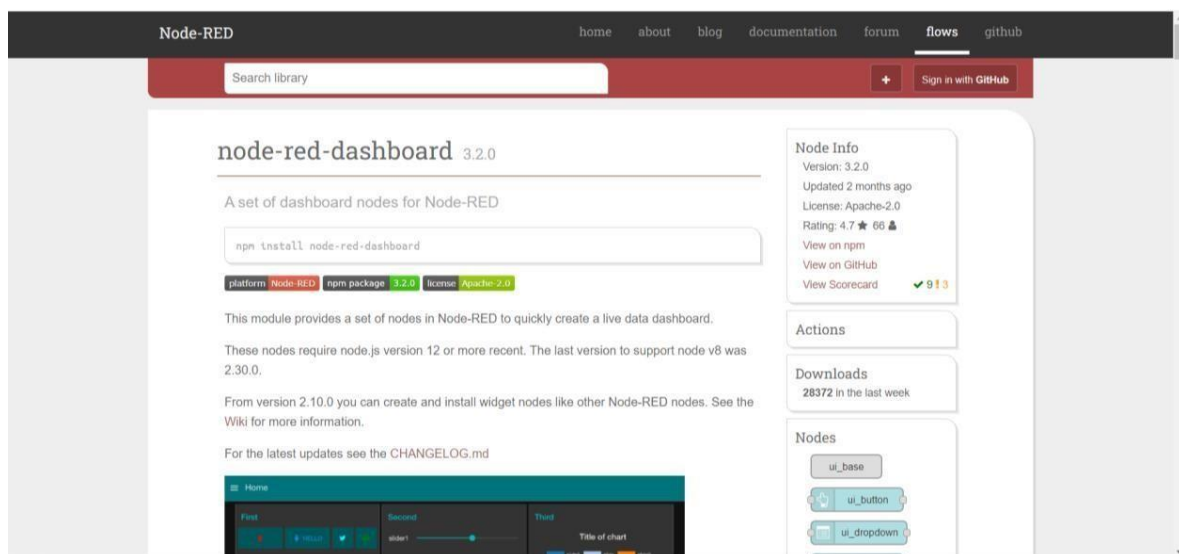


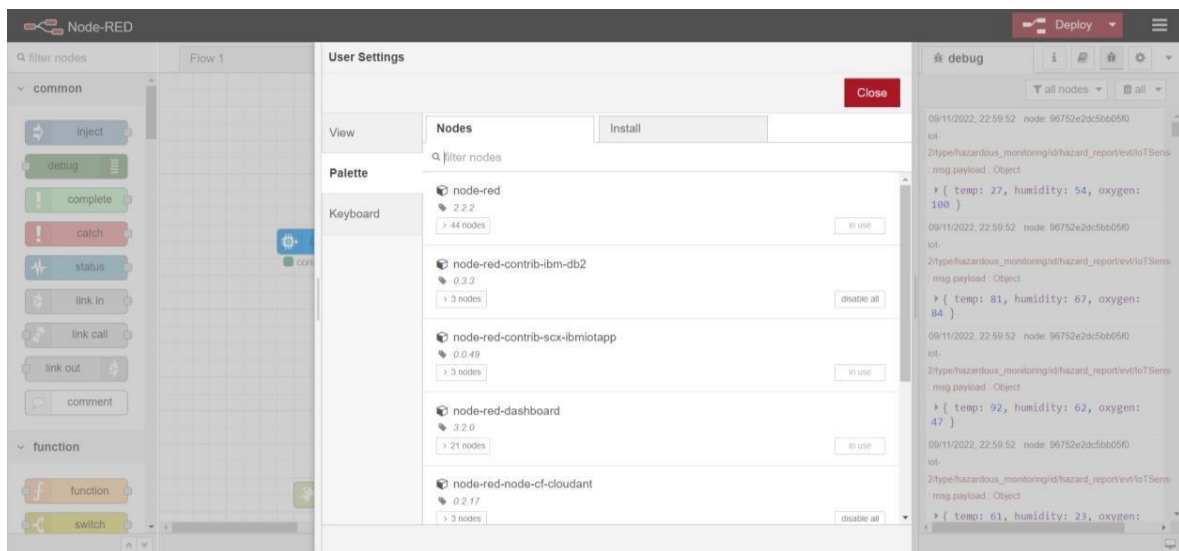
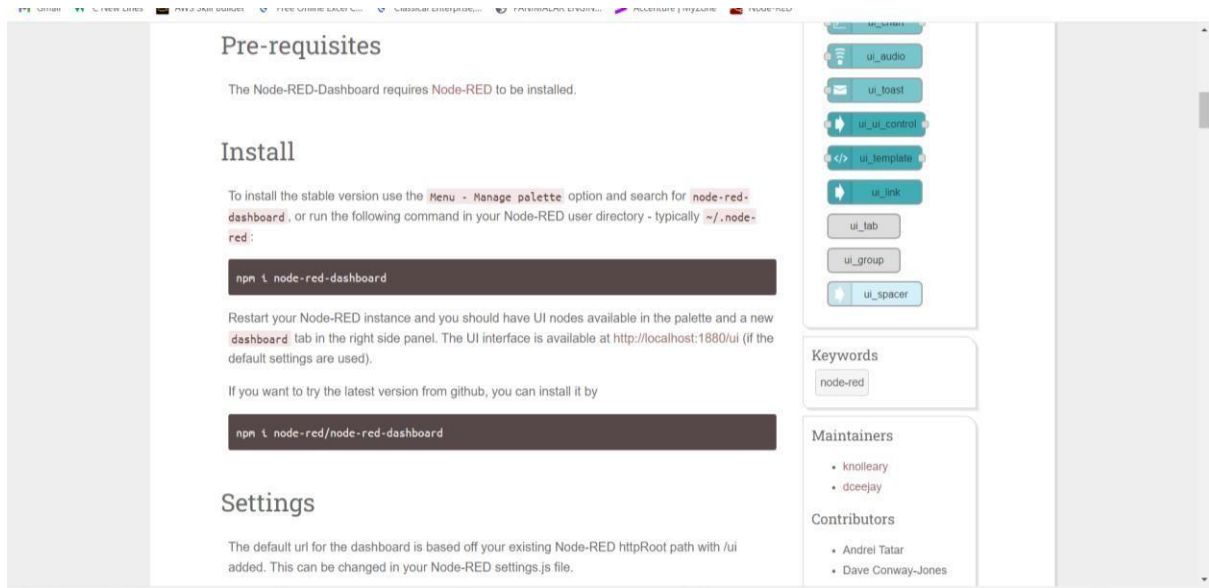
Use Dashboard Nodes For Creating UI (Web App)

Team ID	PNT2022TMID43711
Project Name	Hazardous Area Monitoring for Industrial Plant powered by IoT

Creating custom dashboards in the Web UI

- To create a dashboard using a template: Select a template from the DASHBOARD TEMPLATES list. Click Create Custom Dashboard. Name yourdashboard. Click Create and Open.
- To create a dashboard without a template: Click Add Dashboard. . The New Dashboard page opens.
- IBM **Cognos Analytics** can help you create visualizations and dashboards without needing a data science background.





Node-RED interface showing a flow diagram and a debug console.

Flow Diagram:

- Flow 1:** Contains an `inject` node.
- Flow 2:** Contains an `iBM IoT` node (connected), a `msg.payload` node, a `temperature` function node, a `humidity` function node, a `Temperature` output node, and a `Humidity` output node.

Debug Console:

```
09/11/2022, 22:59:53 node: 96752e2dc5bb0590
iot-
2/type/hazardous_monitoring/id/hazard_report/vt/loTSens
msg payload : Object
{ temp: 11, humidity: 79, oxygen: 35 }

09/11/2022, 22:59:53 node: 96752e2dc5bb0590
iot-
2/type/hazardous_monitoring/id/hazard_report/vt/loTSens
msg payload : Object
{ temp: 80, humidity: 94, oxygen: 84 }

09/11/2022, 22:59:53 node: 96752e2dc5bb0590
iot-
2/type/hazardous_monitoring/id/hazard_report/vt/loTSens
msg payload : Object
{ temp: 0, humidity: 31, oxygen: 55 }

09/11/2022, 22:59:53 node: 96752e2dc5bb0590
iot-
2/type/hazardous_monitoring/id/hazard_report/vt/loTSens
msg payload : Object
{ temp: 14, humidity: 17, oxygen: }
```

