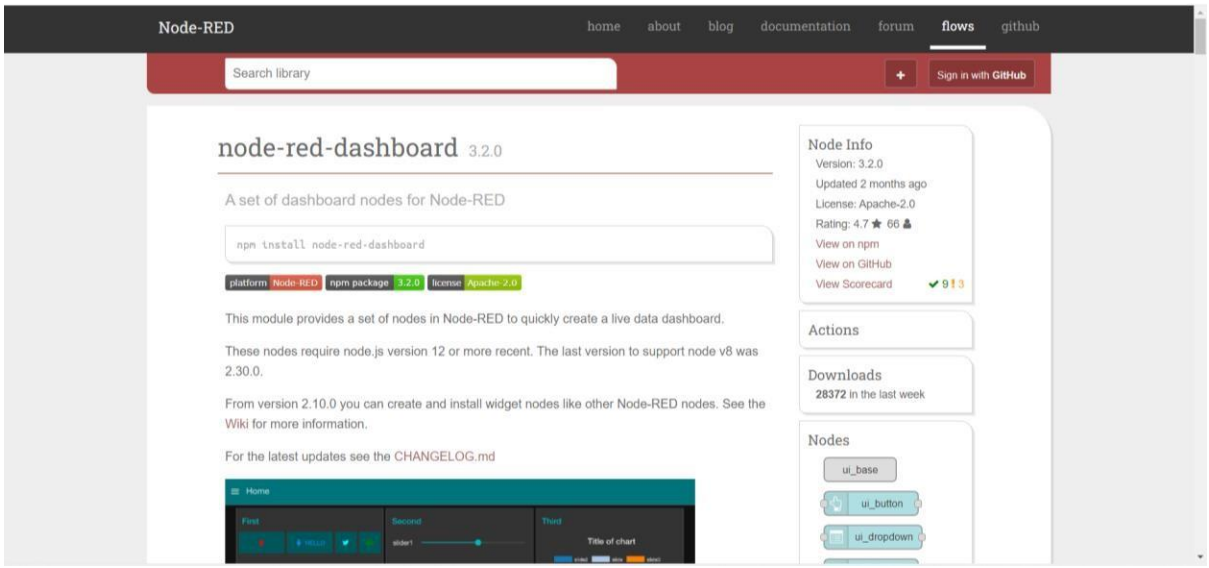
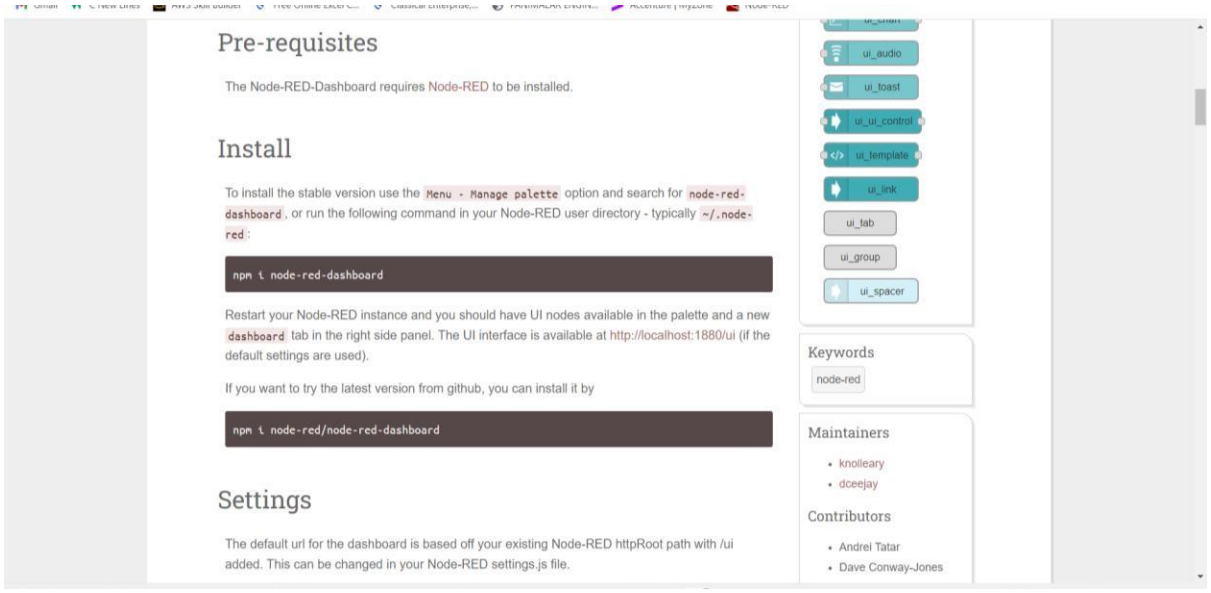
Use Dashboard Nodes For Creating UI(Web App)

Team ID	PNT2022TMID41669
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 your dashboard. 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.




Pre-requisites
The Node-RED-Dashboard requires Node-RED to be installed.
Install
To install the stable version use the Menu - Manage palette option and search for node-red-dashboard, or run the following command in your Node-RED user directory - typically ~/.node-red:
npm i node-red-dashboard
Restart your Node-RED instance and you should have UI nodes available in the palette and a new dashboard tab in the right side panel. The UI interface is available at http://localhost:1880/ui (if the default settings are used).
If you want to try the latest version from github, you can install it by
npm i node-red/node-red-dashboard
Settings
The default url for the dashboard is based off your existing Node-RED httpRoot path with /ui added. This can be changed in your Node-RED settings.js file.
ui_audio
ui_toast
ui_ui_control
ui_template
ui_link
ui_tab
ui_group
ui_spacer
Keywords
node-red
Maintainers
knolleary
dceejay
Contributors
Andrei Tatar
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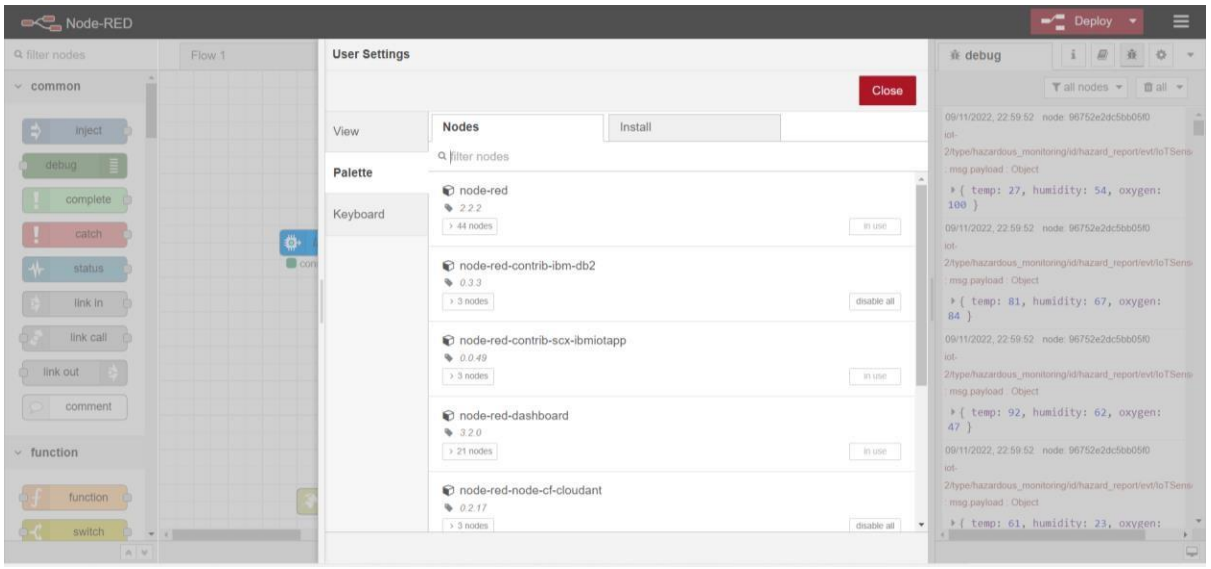
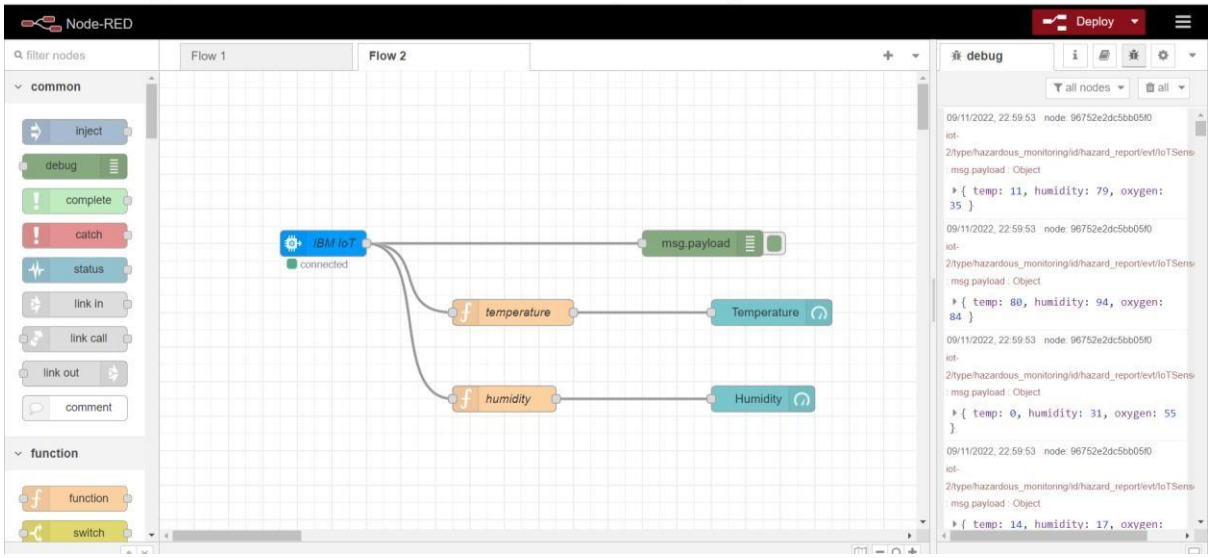
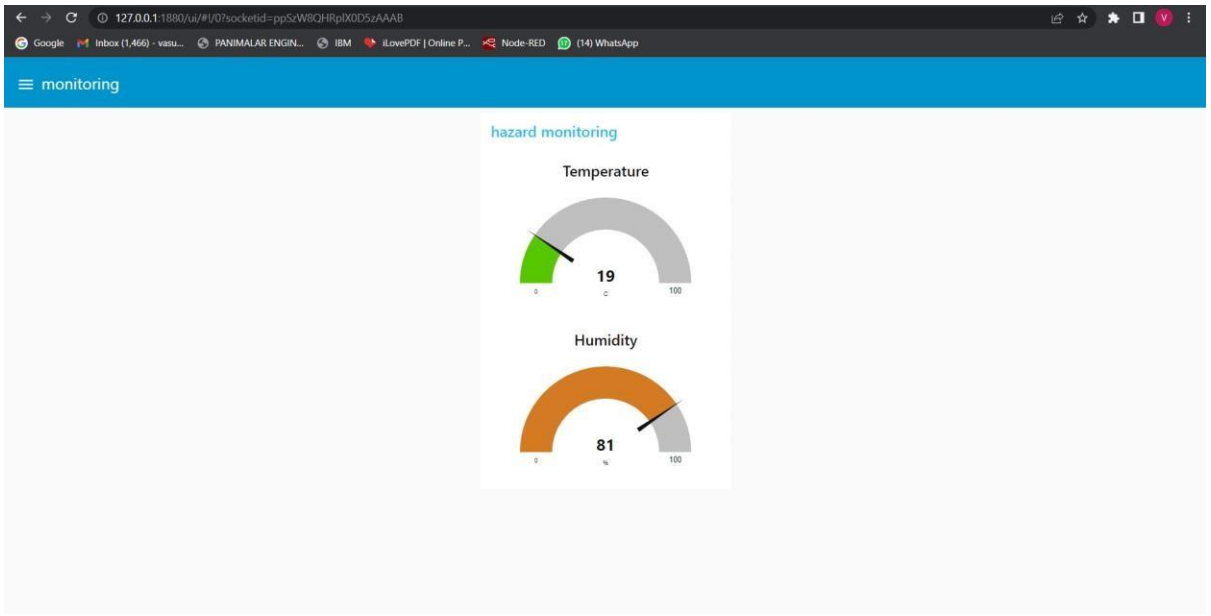

Node-RED
Deploy
filter nodes
Flow 1
common
inject
debug
complete
catch
status
link in
link call
link out
comment
function
function
switch
User Settings
Close
View
Palette
Keyboard
Nodes
Install
filter nodes
node-red
2.2.2
44 nodes
in use
node-red-contrib-ibm-db2
0.3.3
3 nodes
disable all
node-red-contrib-scx-ibmiotapp
0.0.49
3 nodes
in use
node-red-dashboard
3.2.0
21 nodes
in use
node-red-node-cf-cloudant
0.2.17
3 nodes
disable all
debug
all nodes
all
{ temp: 27, humidity: 54, oxygen: 100 }
{ temp: 81, humidity: 67, oxygen: 84 }
{ temp: 92, humidity: 62, oxygen: 47 }
{ temp: 61, humidity: 23, oxygen:


Node-RED
Deploy
filter nodes
Flow 1
Flow 2
common
inject
debug
complete
catch
status
link in
link call
link out
comment
function
function
switch
IBM IoT
connected
msg.payload
temperature
Temperature
humidity
Humidity
debug
all nodes
all
09/11/2022, 22:59:53 node: 96752e2dc5bb05f0
iot-2/type/hazardous_monitoring/id/hazard_report/evt/IoTSens
: msg.payload : Object
{ temp: 11, humidity: 79, oxygen: 35 }
09/11/2022, 22:59:53 node: 96752e2dc5bb05f0
iot-2/type/hazardous_monitoring/id/hazard_report/evt/IoTSens
: msg.payload : Object
{ temp: 80, humidity: 94, oxygen: 84 }
09/11/2022, 22:59:53 node: 96752e2dc5bb05f0
iot-2/type/hazardous_monitoring/id/hazard_report/evt/IoTSens
: msg.payload : Object
{ temp: 0, humidity: 31, oxygen: 55 }
09/11/2022, 22:59:53 node: 96752e2dc5bb05f0
iot-2/type/hazardous_monitoring/id/hazard_report/evt/IoTSens
: msg.payload : Object
{ temp: 14, humidity: 17, oxygen:


127.0.0.1:1880/ui/#!/0?socketid=ppSzW8QHRpIX0D5zAAAB
Google
Inbox (1,466) - vasu...
PANIMALAR ENGIN...
IBM
iLovePDF | Online P...
Node-RED
(14) WhatsApp
monitoring
hazard monitoring
Temperature
19
0
100
Humidity
81
0
100