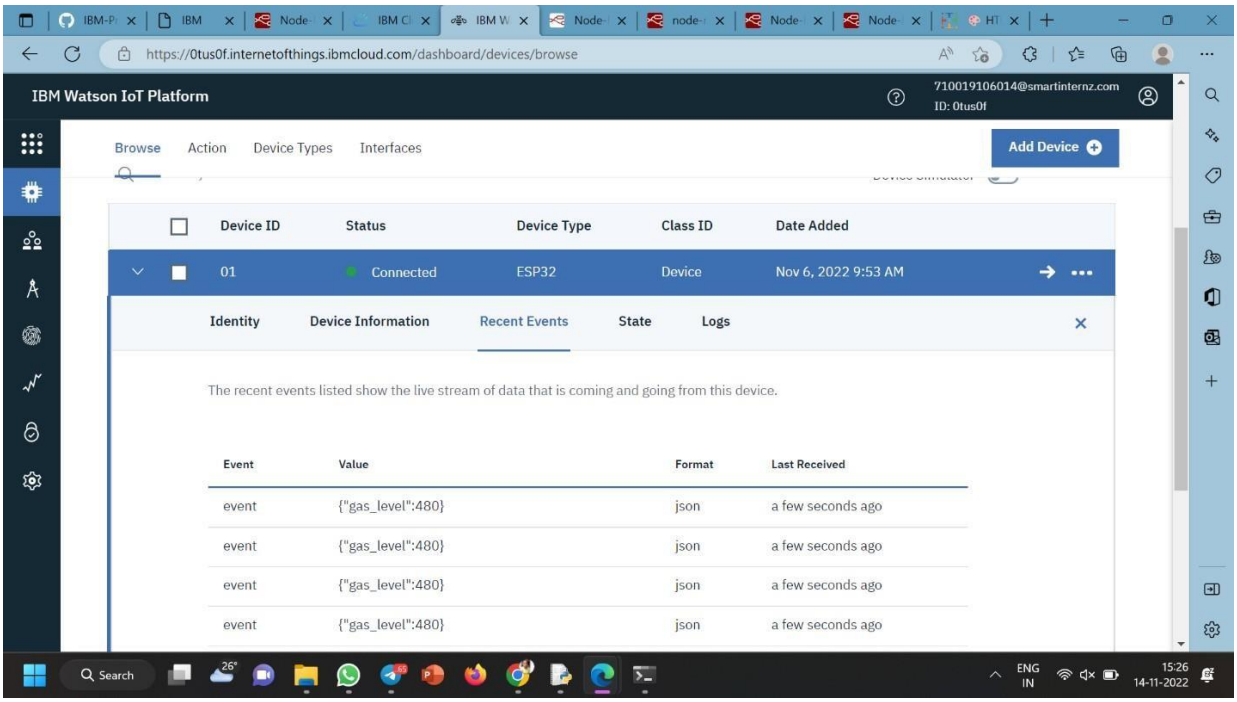
SPRINT-II

Create Device in IoT Watson and Workflow using Node-Red

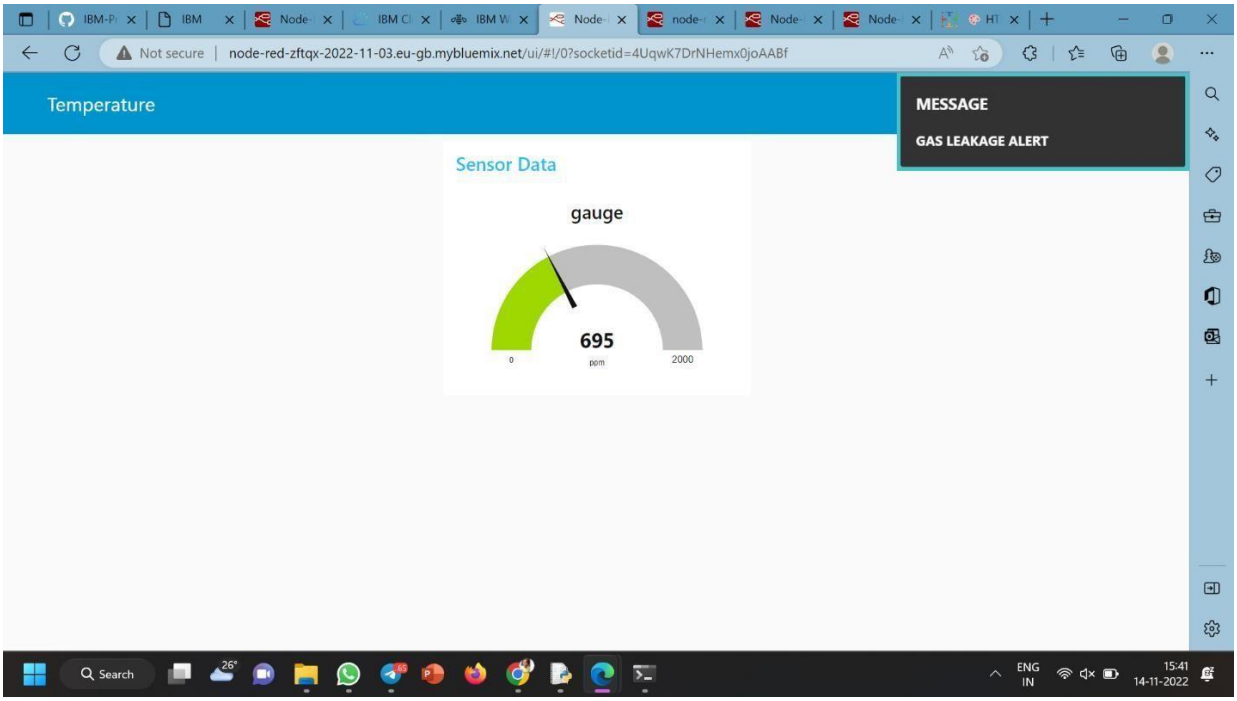
Date	29th OCTOBER 2022
Team ID	PNT2022TMID04339
Project Name	Gas Leakage Monitoring and Alerting System

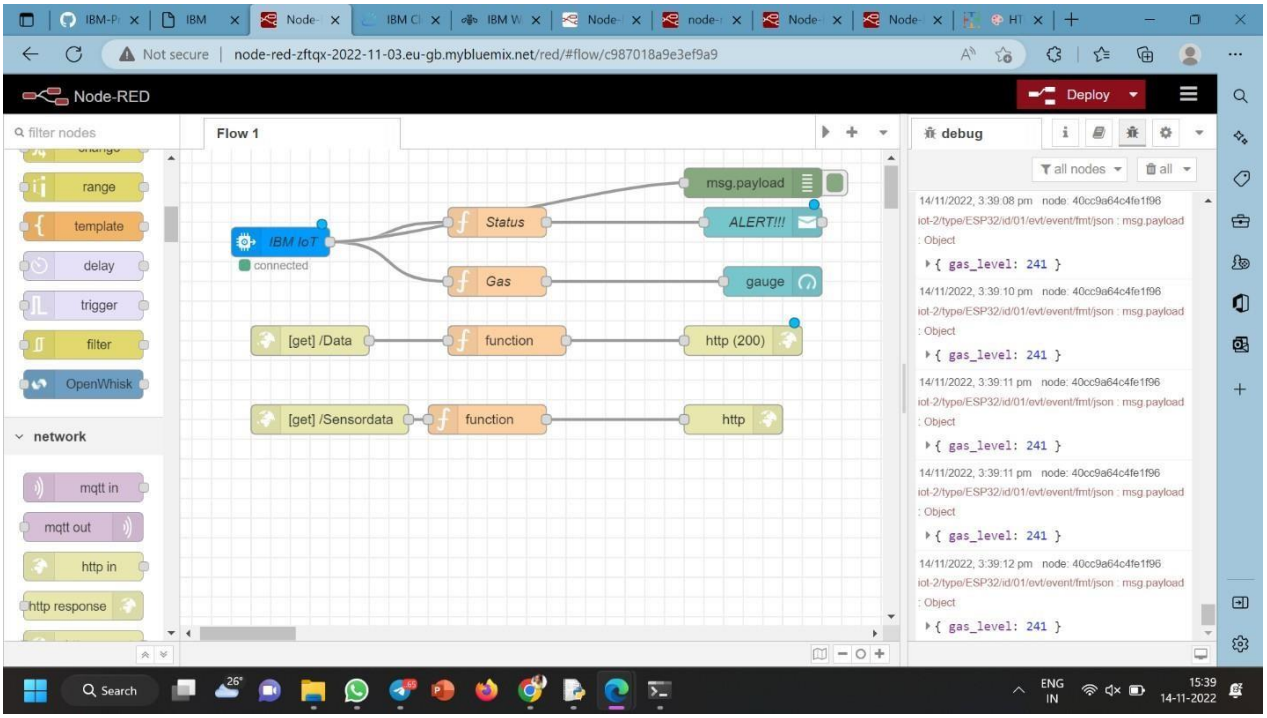
Device in IoT Watson:

- Creating a device in IBM Watson IoT

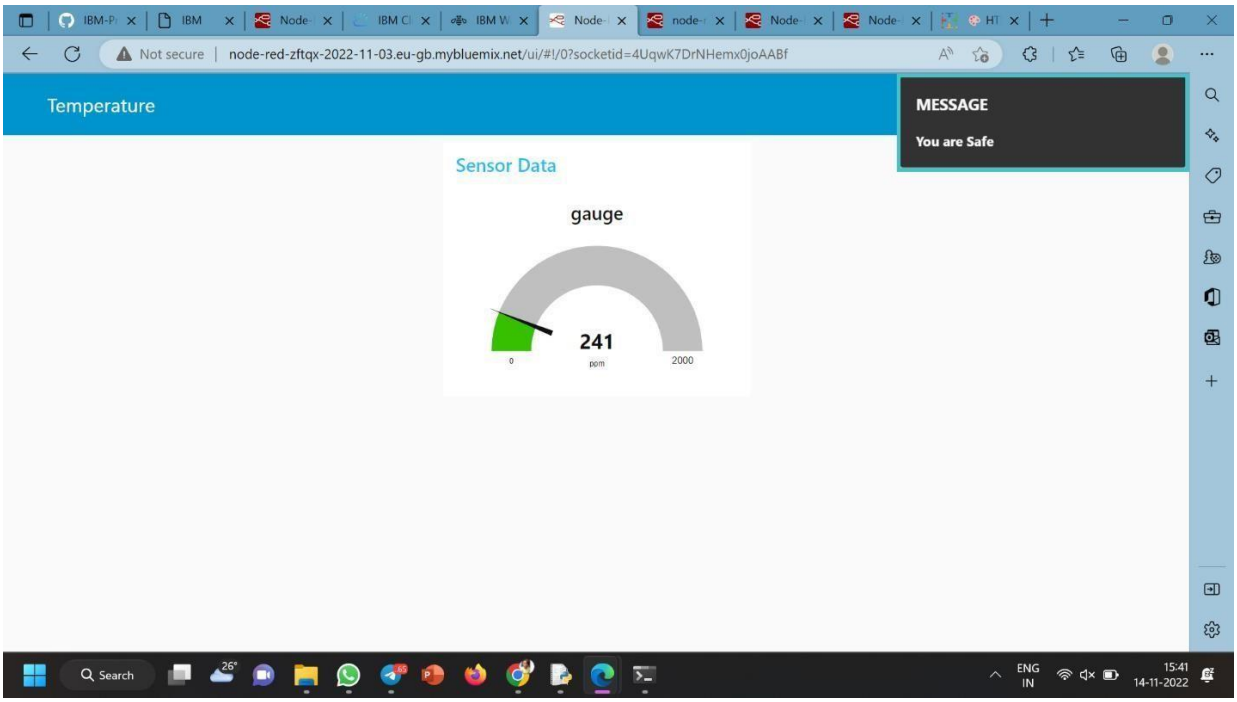


- Creating a workflow in node red and giving connection for web ui.




Node-RED
Deploy
Flow 1
debug
range
template
delay
trigger
filter
OpenWhisk
network
mqtt in
mqtt out
http in
http response
IBM IoT
connected
Status
Gas
msg.payload
ALERT!!!
gauge
[get] /Data
function
http (200)
[get] /Sensordata
function
http
{ gas_level: 241 }
Search

Output:


Not secure
node-red-zftqx-2022-11-03.eu-gb.mybluemix.net/ui/#!/0?socketid=4UqwK7DrNHemx0joAABf
Temperature
MESSAGE
You are Safe
Sensor Data
gauge
241
ppm
0
2000
Search
ENG
IN
15:41
14-11-2022