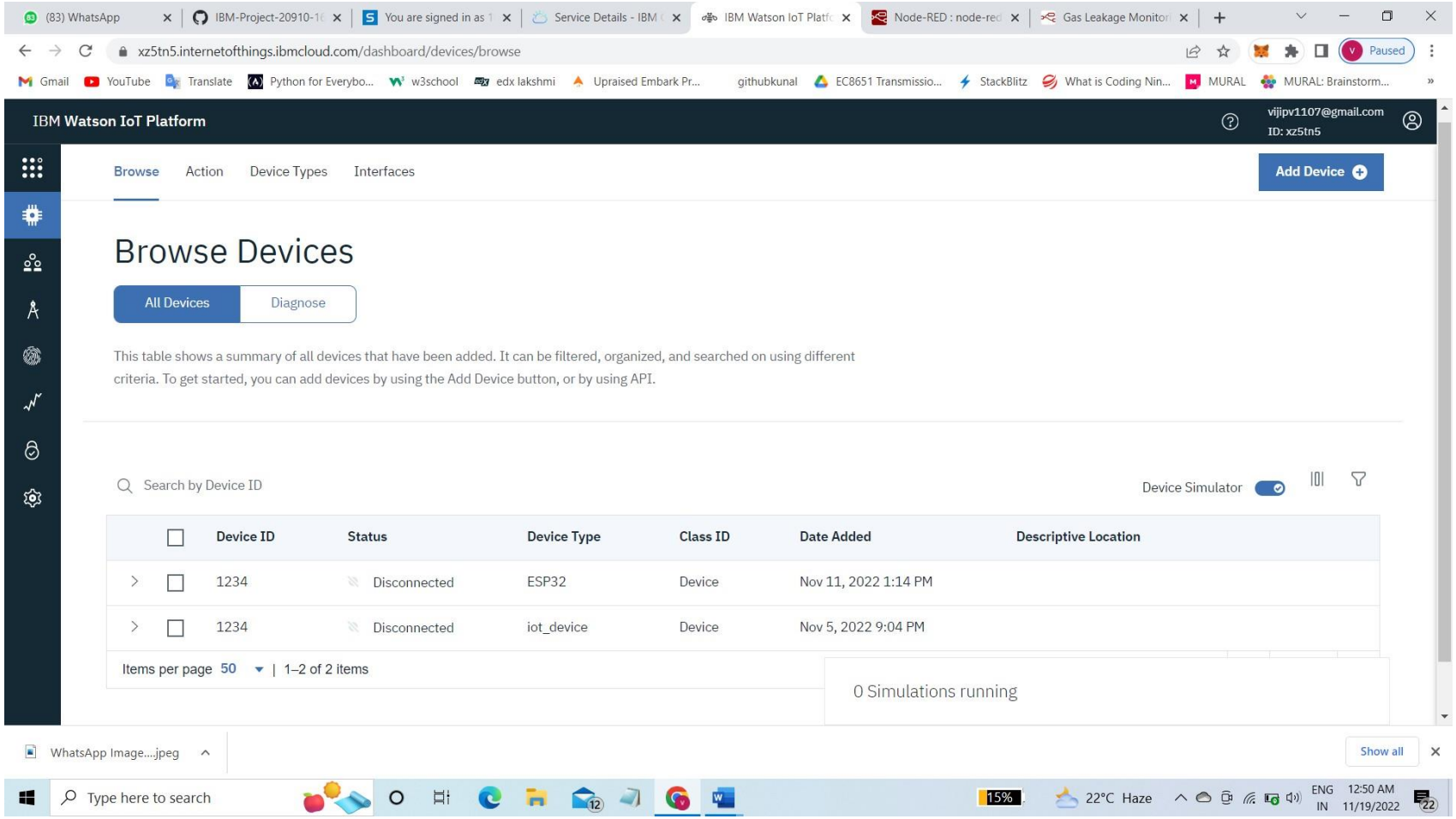
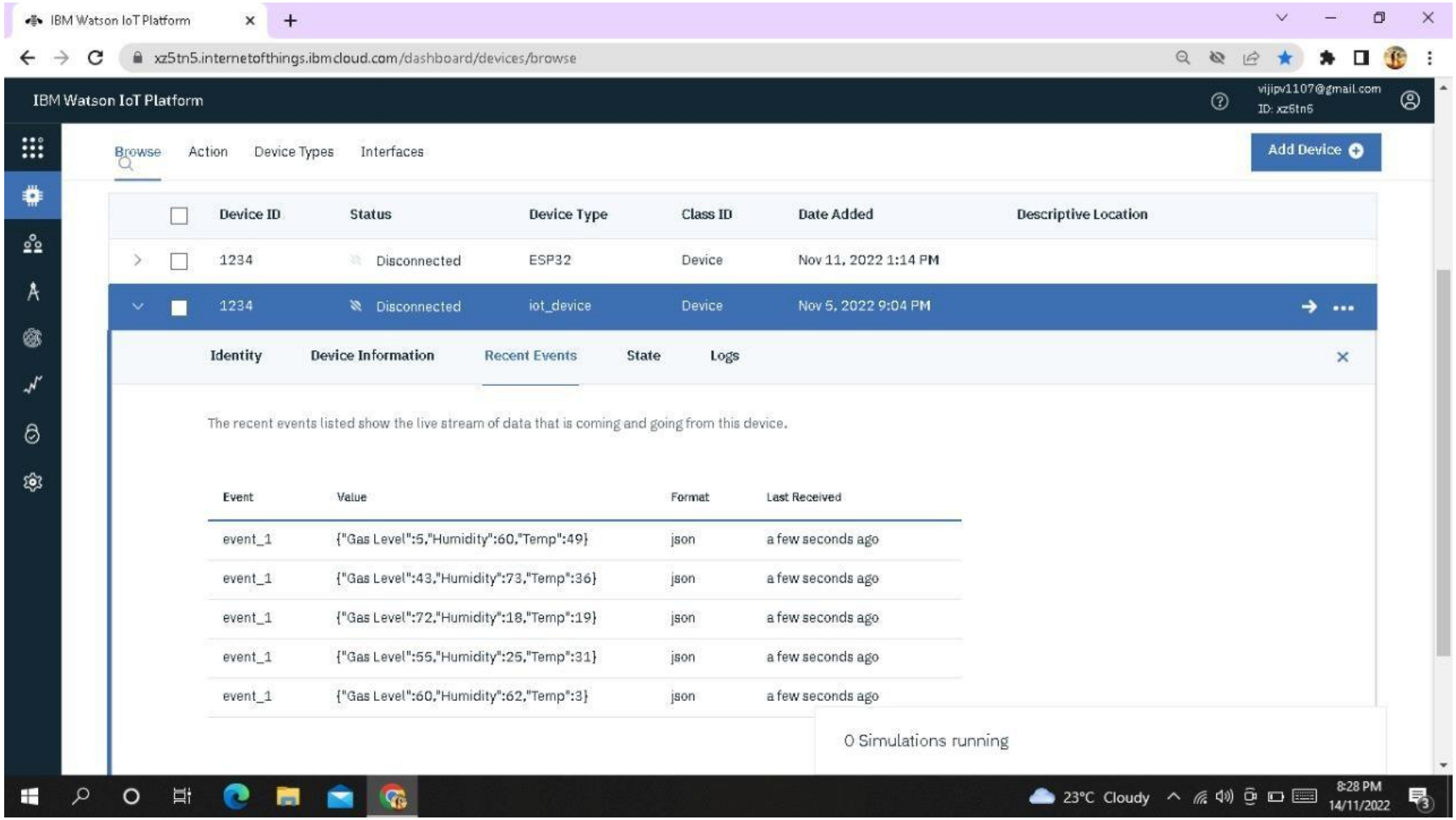
SPRINT-2

Team ID	**PNT2022TMID30401**
Project Name	**Gas Leakage Monitoring and Alerting System**

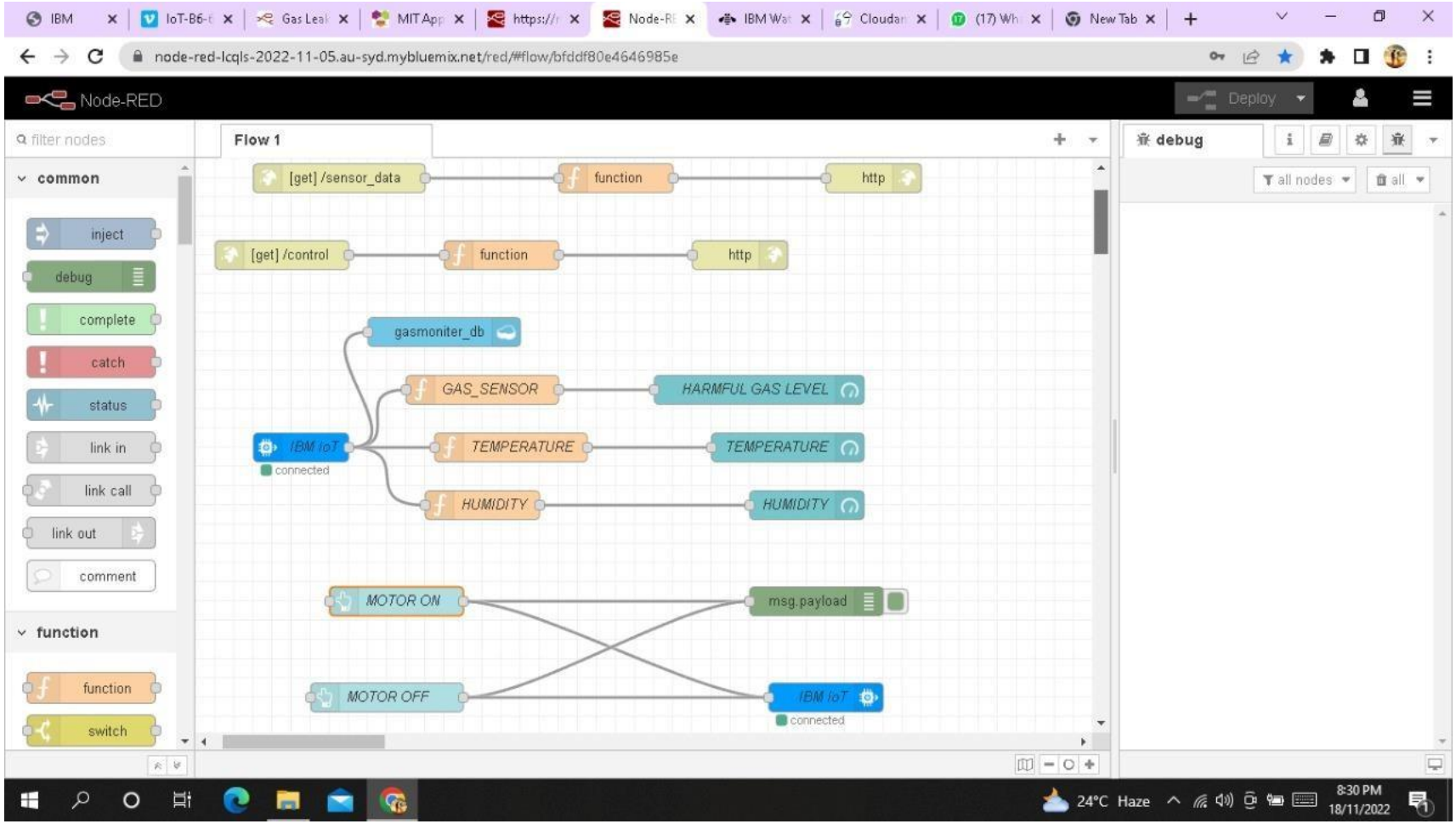
CREATE DEVICE IN THE IOT WATSON PLATFORM:

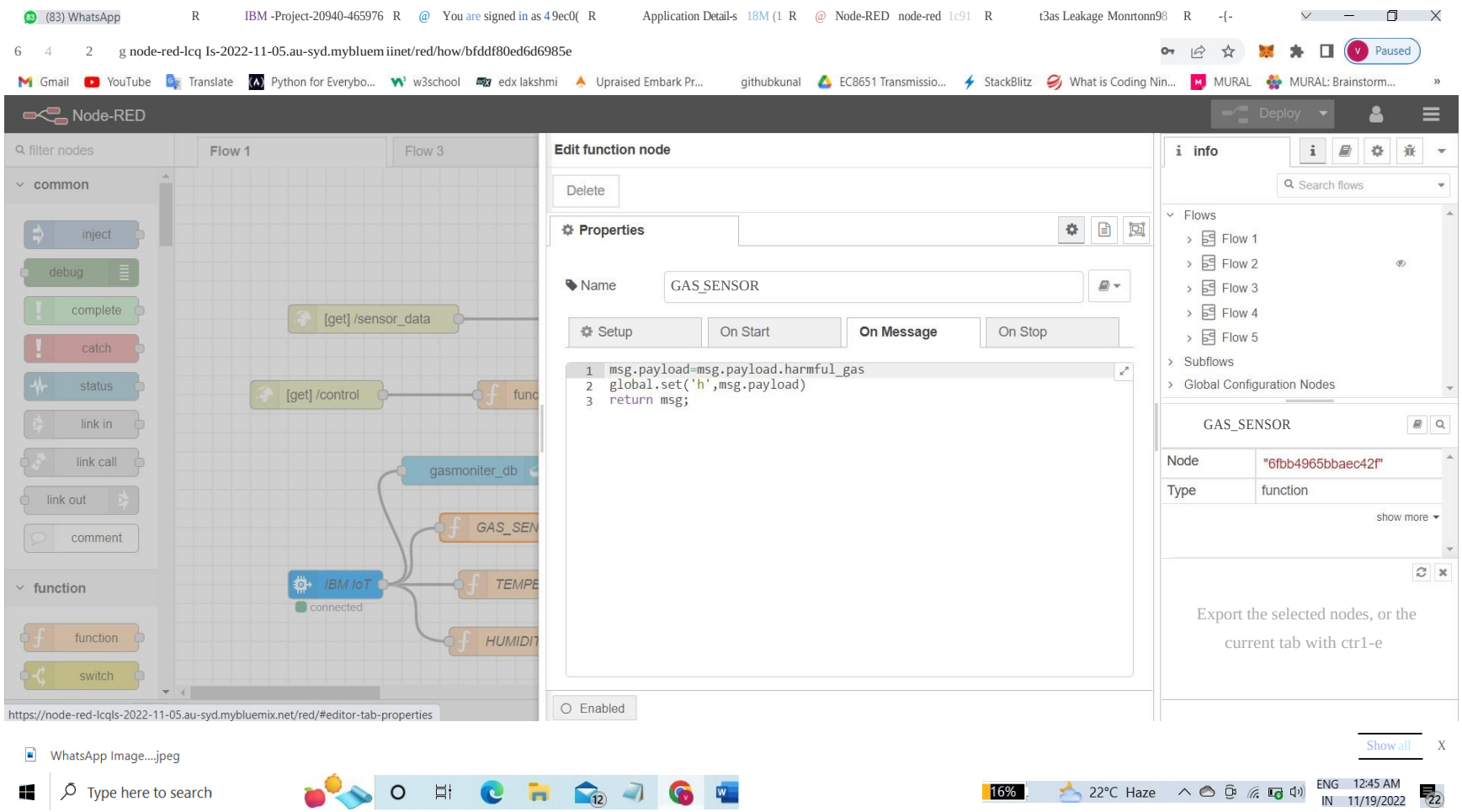


OUTPUT:


IBM Watson IoT Platform
xz5tn5.internetofthings.ibmcloud.com/dashboard/devices/browse
IBM Watson IoT Platform
vijipv1107@gmail.com
ID: xz5tn5
Browse
Action
Device Types
Interfaces
Add Device
Device ID
Status
Device Type
Class ID
Date Added
Descriptive Location
1234
Disconnected
ESP32
Device
Nov 11, 2022 1:14 PM
1234
Disconnected
iot_device
Device
Nov 5, 2022 9:04 PM
Identity
Device Information
Recent Events
State
Logs
The recent events listed show the live stream of data that is coming and going from this device.
Event
Value
Format
Last Received
event_1
{"Gas Level":5,"Humidity":60,"Temp":49}
json
a few seconds ago
event_1
{"Gas Level":43,"Humidity":73,"Temp":36}
json
a few seconds ago
event_1
{"Gas Level":72,"Humidity":18,"Temp":19}
json
a few seconds ago
event_1
{"Gas Level":55,"Humidity":25,"Temp":31}
json
a few seconds ago
event_1
{"Gas Level":60,"Humidity":62,"Temp":3}
json
a few seconds ago
0 Simulations running
23°C Cloudy
8:28 PM
14/11/2022

WORKFLOW FLOW FOR IOT SCENERIOS UNSING LOCAL NODE RED:




Node-RED
Deploy
filter nodes
Flow 1
Flow 3
common
inject
debug
complete
catch
status
link in
link call
link out
comment
function
function
switch
[get] /sensor_data
[get] /control
gasmoniter_db
GAS_SEN
IBM IoT
connected
TEMPE
HUMIDIT
Edit function node
Delete
Properties
Name
GAS_SENSOR
Setup
On Start
On Message
On Stop
1 msg.payload=msg.payload.harmful_gas
2 global.set('h',msg.payload)
3 return msg;
Enabled
info
Search flows
Flows
Flow 1
Flow 2
Flow 3
Flow 4
Flow 5
Subflows
Global Configuration Nodes
GAS_SENSOR
Node
"6fbb4965bbaec42f"
Type
function
show more
Export the selected nodes, or the current tab with ctr1-e
https://node-red-lcqls-2022-11-05.au-syd.mybluemix.net/red/#editor-tab-properties
WhatsApp Image....jpeg
Show all
Type here to search
16%
22°C Haze
ENG
IN
12:45 AM
11/19/2022