PROJECT DEVELOPMENT PHASE

SPRINT 2

DATE	7TH NOVEMBER 2022
TEAM ID	PNT2022TMID36762
PROJECT NAME	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES

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Node red link : http://159.122.179.50:31329/red/#flow/6f5fb75fb6a52592

UI software link : http://159.122.179.50:31329/ui

IBM Watson link : https://7bpns1.internetofthings.ibmcloud.com/dashboard/devices/browse

SPRINT 2:

Create device in the IOT Watson platform, workflow for IOT scenarios using local node red

SOURCE CODE:

TEMPERATURE:

```
msg.payload=msg.payload.temp
global.set('h',msg.payload)
return msg;
```

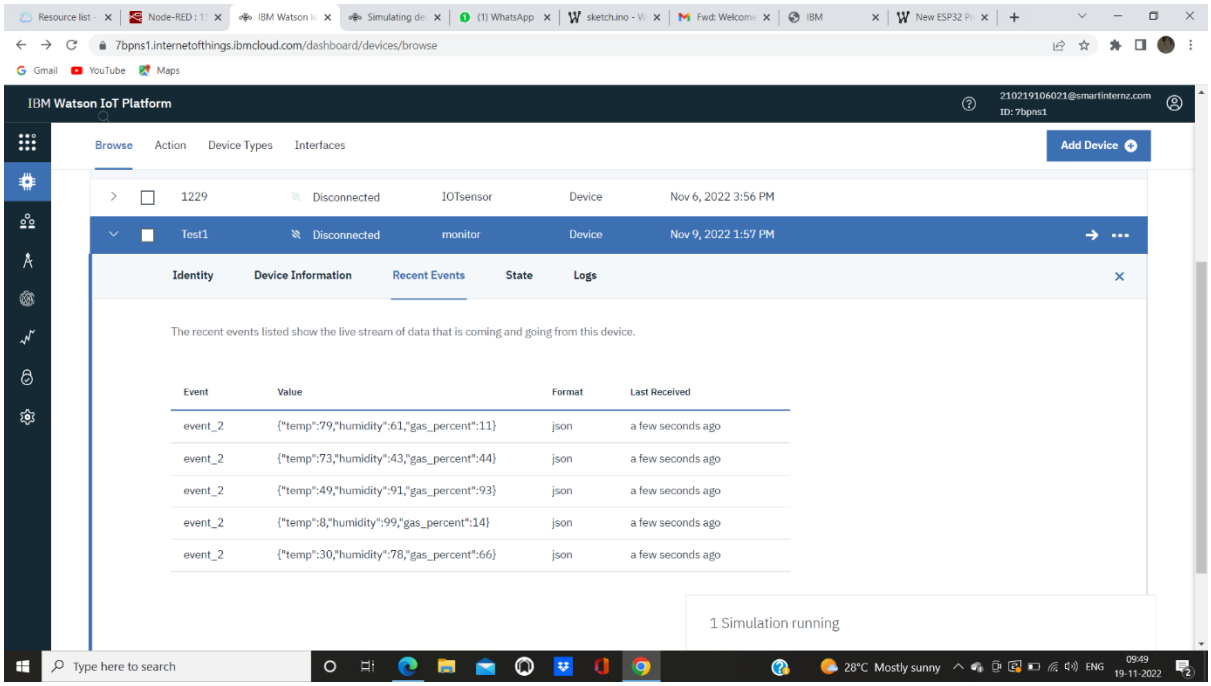
HUMIDITY:

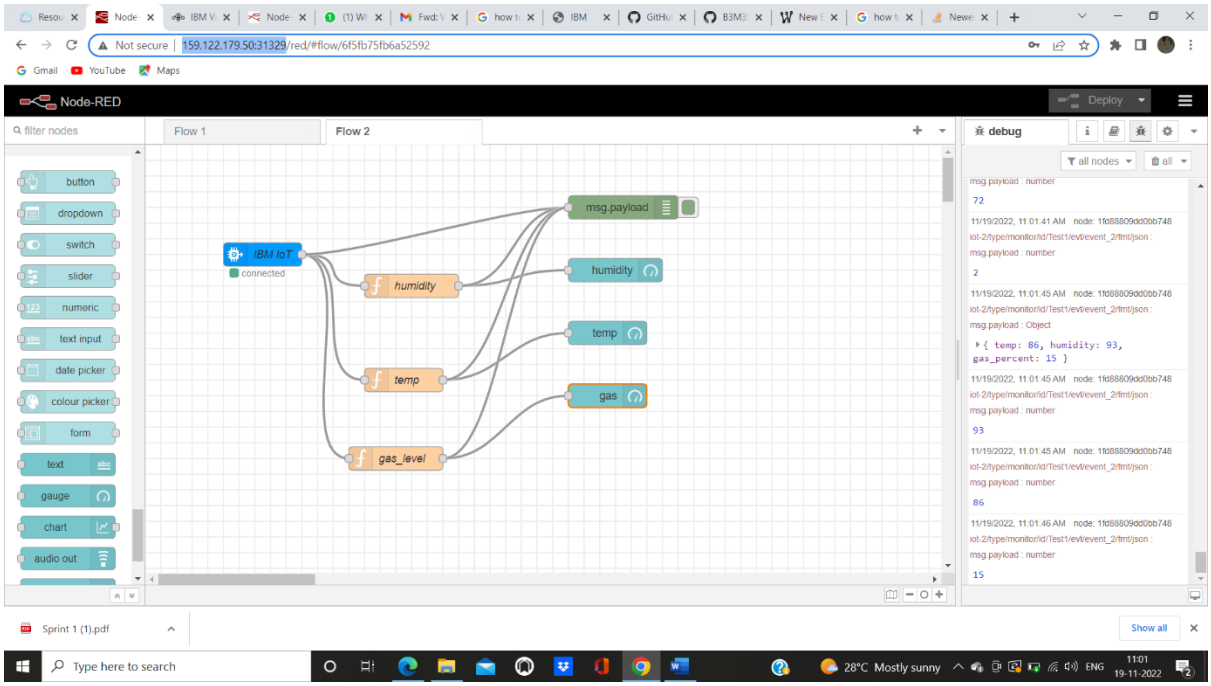
```
msg.payload=msg.payload.humidity
global.set('h',msg.payload)
return msg;
```

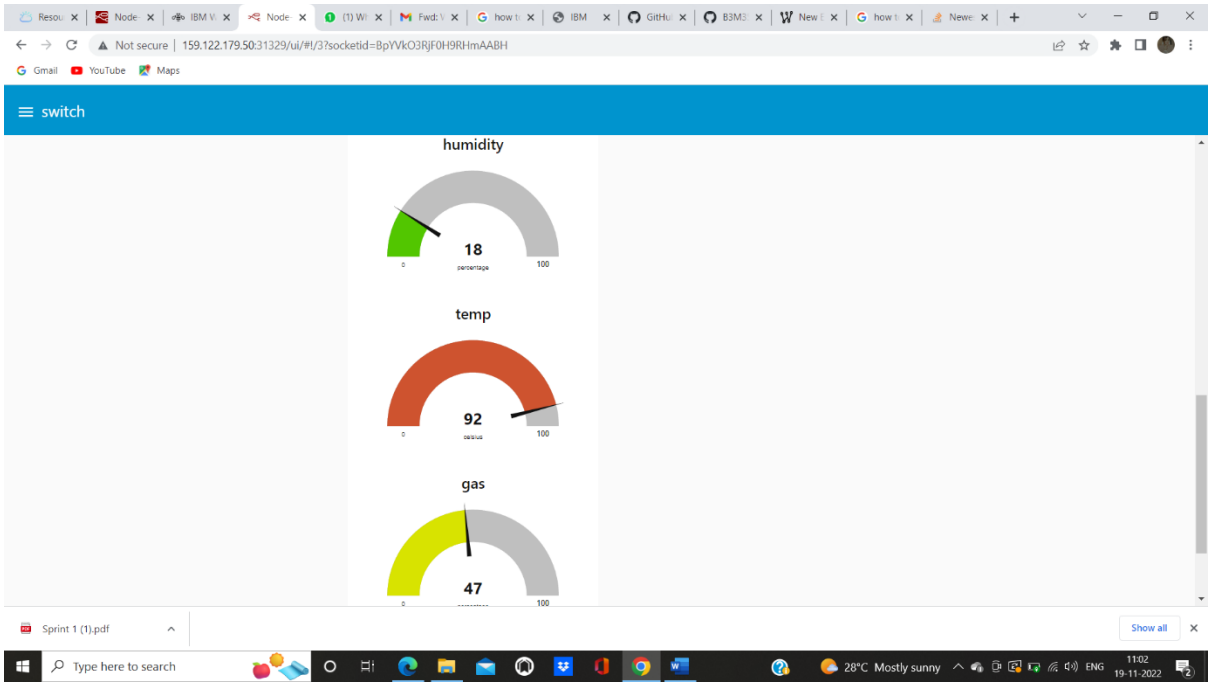
GAS LEVEL:

```
msg.payload=msg.payload.gas_percent
global.set('h',msg.payload)
return msg;
```

OUTPUT:


7bpns1.internetofthings.ibmcloud.com/dashboard/devices/browse
IBM Watson IoT Platform
210219106021@smartinternz.com
ID: 7bpns1
Browse
Action
Device Types
Interfaces
Add Device
1229
Disconnected
IOTsensor
Device
Nov 6, 2022 3:56 PM
Test1
Disconnected
monitor
Device
Nov 9, 2022 1:57 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_2
{"temp":79,"humidity":61,"gas_percent":11}
json
a few seconds ago
event_2
{"temp":73,"humidity":43,"gas_percent":44}
json
a few seconds ago
event_2
{"temp":49,"humidity":91,"gas_percent":93}
json
a few seconds ago
event_2
{"temp":8,"humidity":99,"gas_percent":14}
json
a few seconds ago
event_2
{"temp":30,"humidity":78,"gas_percent":66}
json
a few seconds ago
1 Simulation running
Type here to search
28°C Mostly sunny
ENG
09:49
19-11-2022


Node-RED
Deploy
Flow 1
Flow 2
debug
button
dropdown
switch
slider
numeric
text input
date picker
colour picker
form
text
gauge
chart
audio out
IBM IoT
connected
humidity
temp
gas_level
msg.payload
humidity
temp
gas
{ temp: 86, humidity: 93, gas_percent: 15 }
72
2
93
86
15


switch
humidity
18
temp
92
gas
47