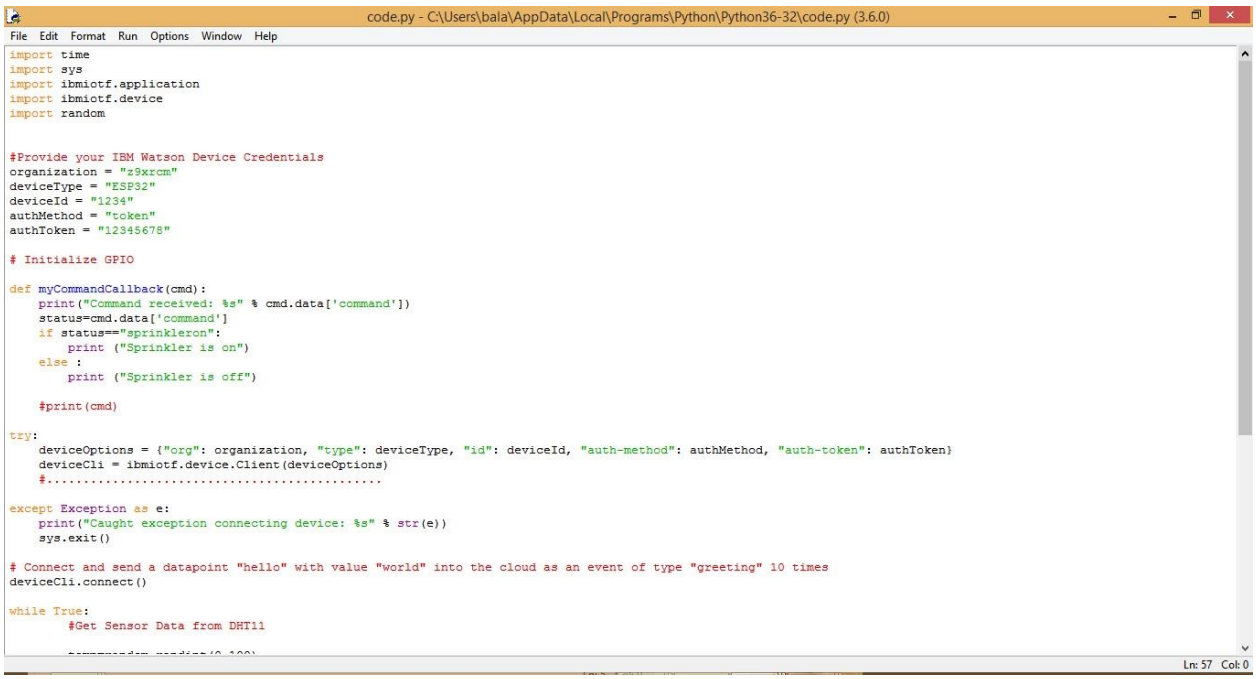
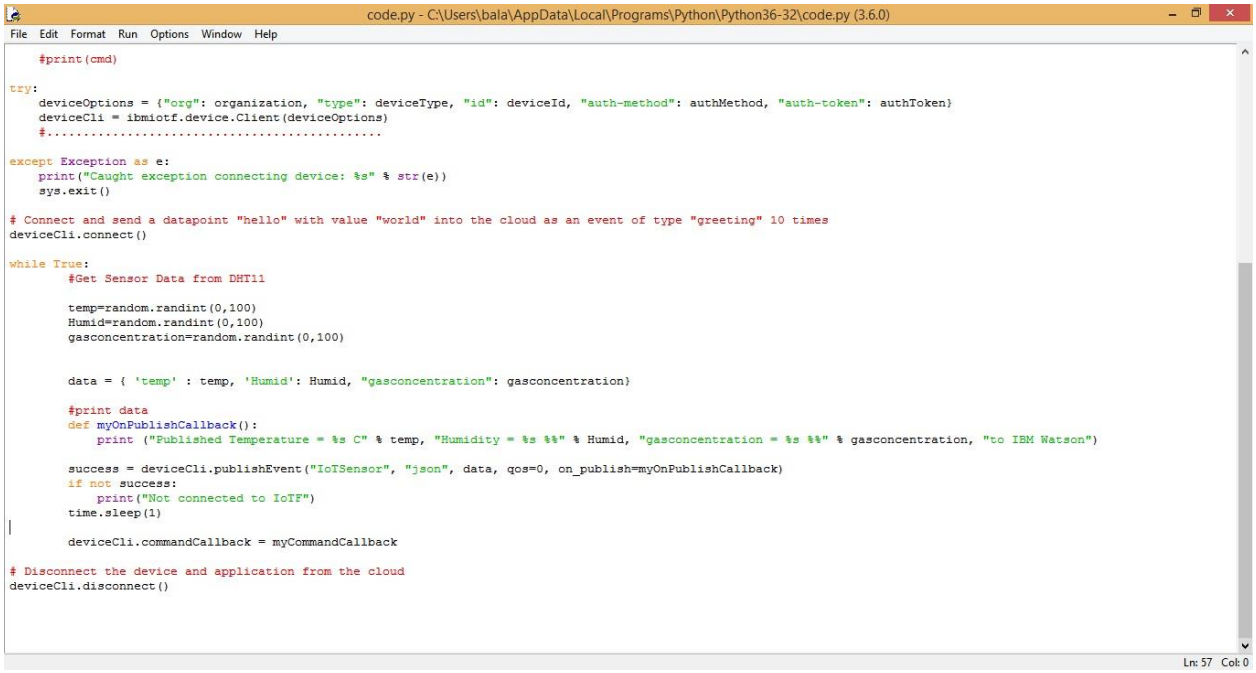
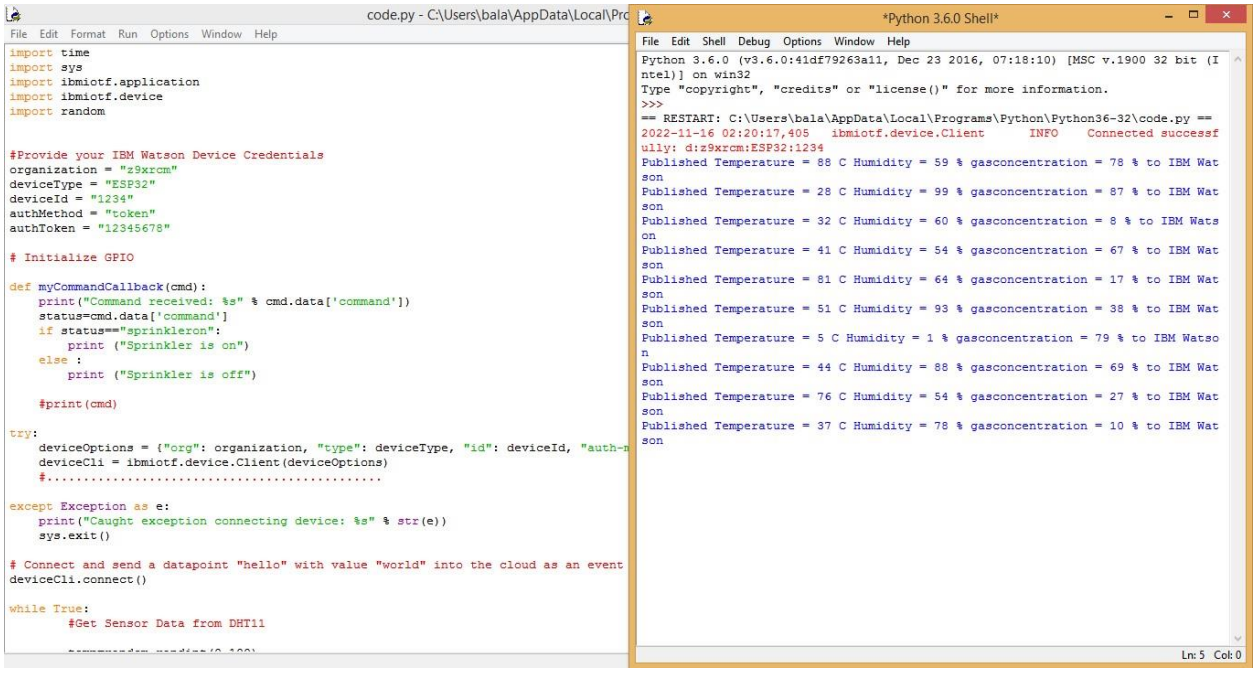
SPRINT-4

Team ID	**PNT2022TMID04339**
Project Title	**Gas Leakage Monitoring And Alerting System**
Date	**15.11.2022**

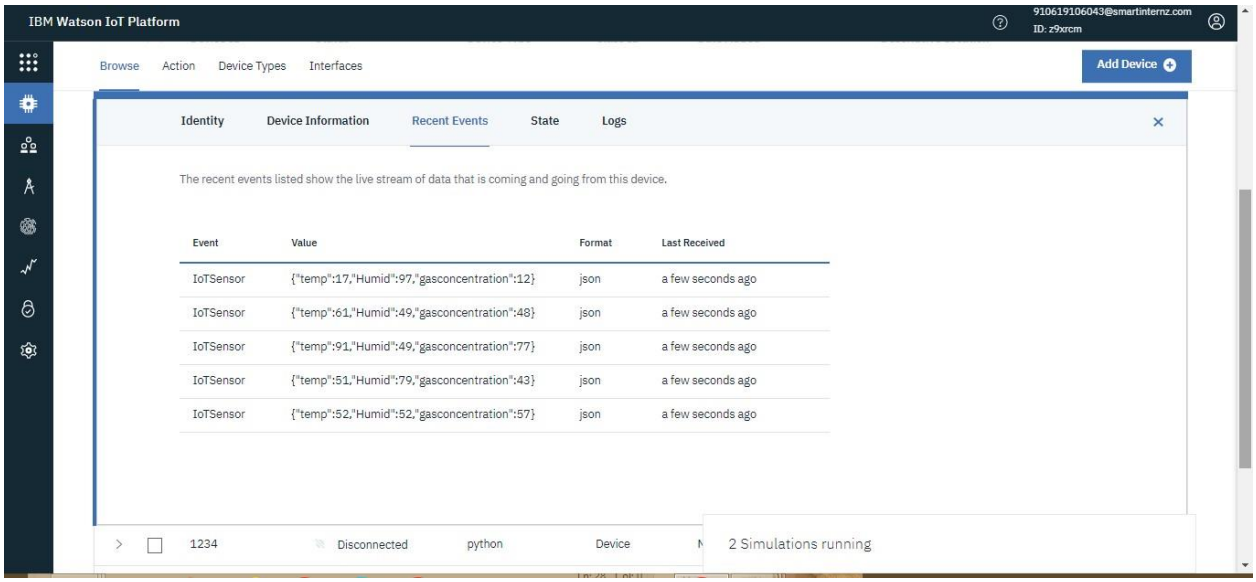
PYTHON CODE EXECUTION :

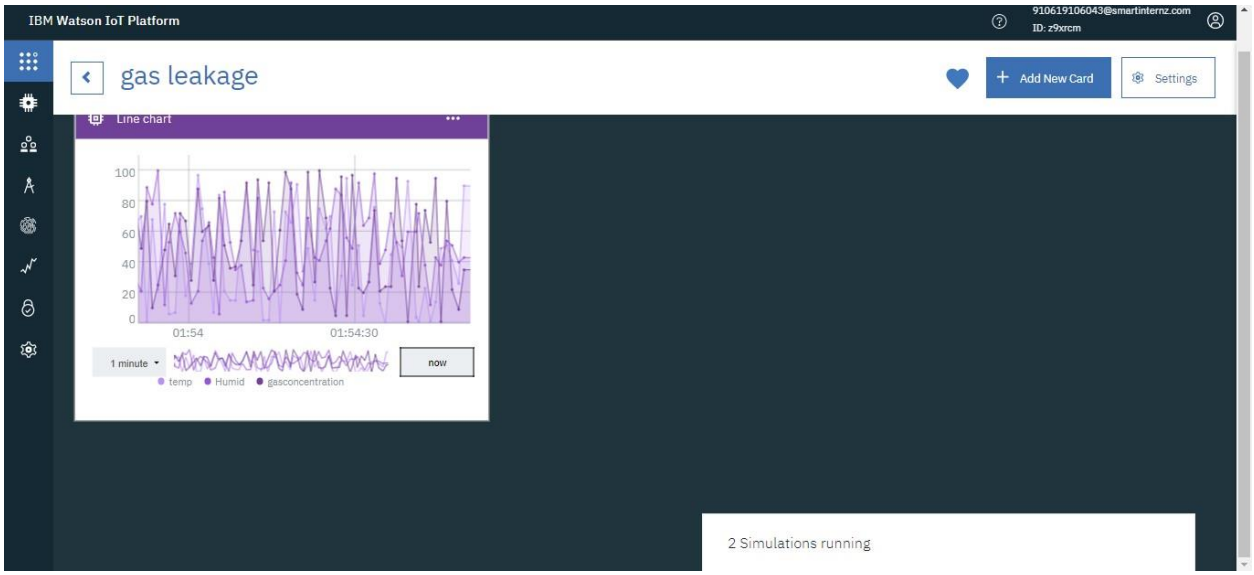




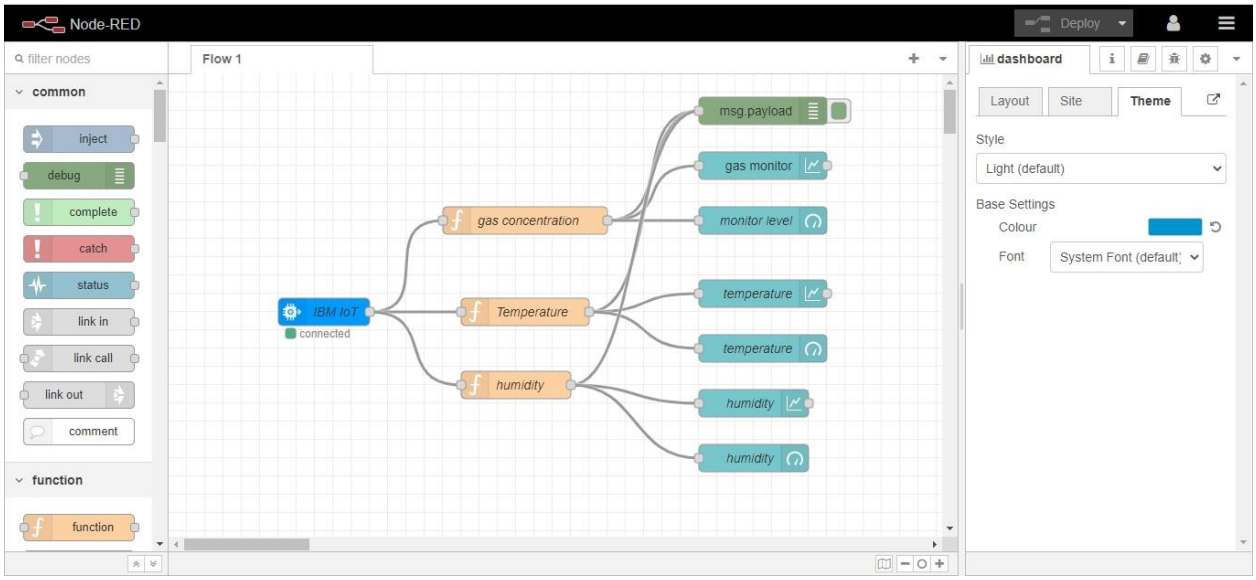


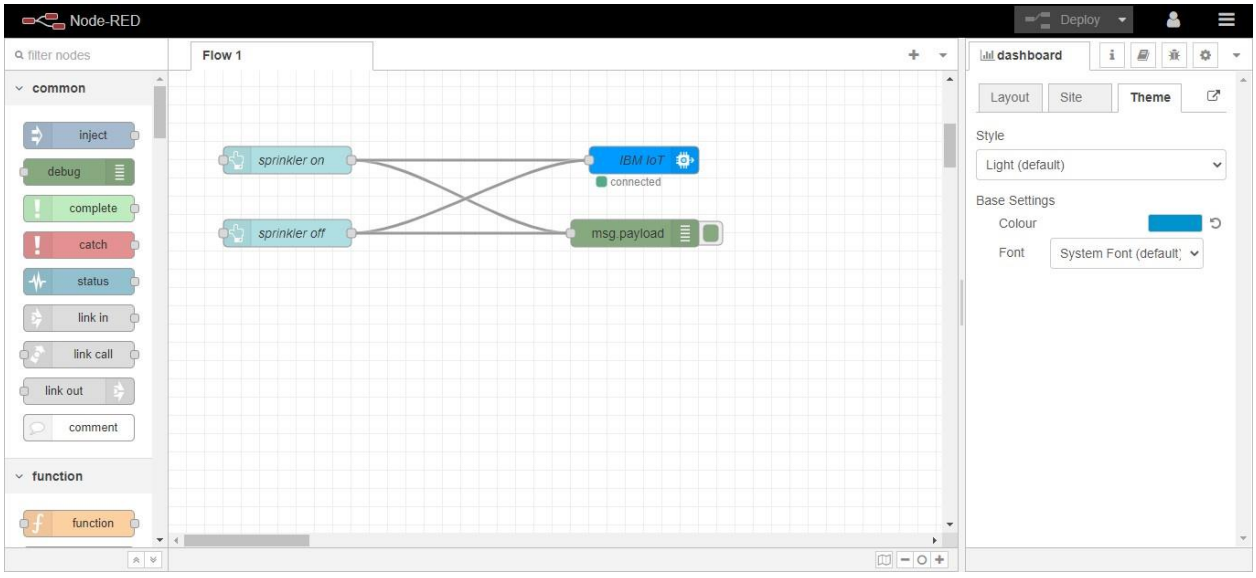
Recent Events in IBM WATSON IOT Platform :



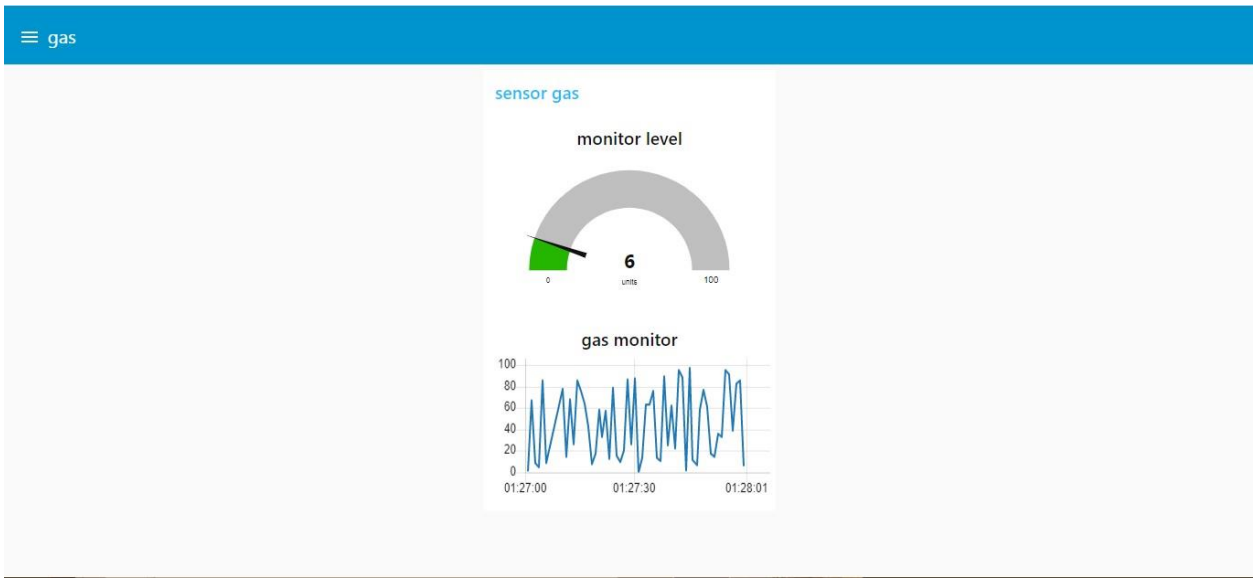


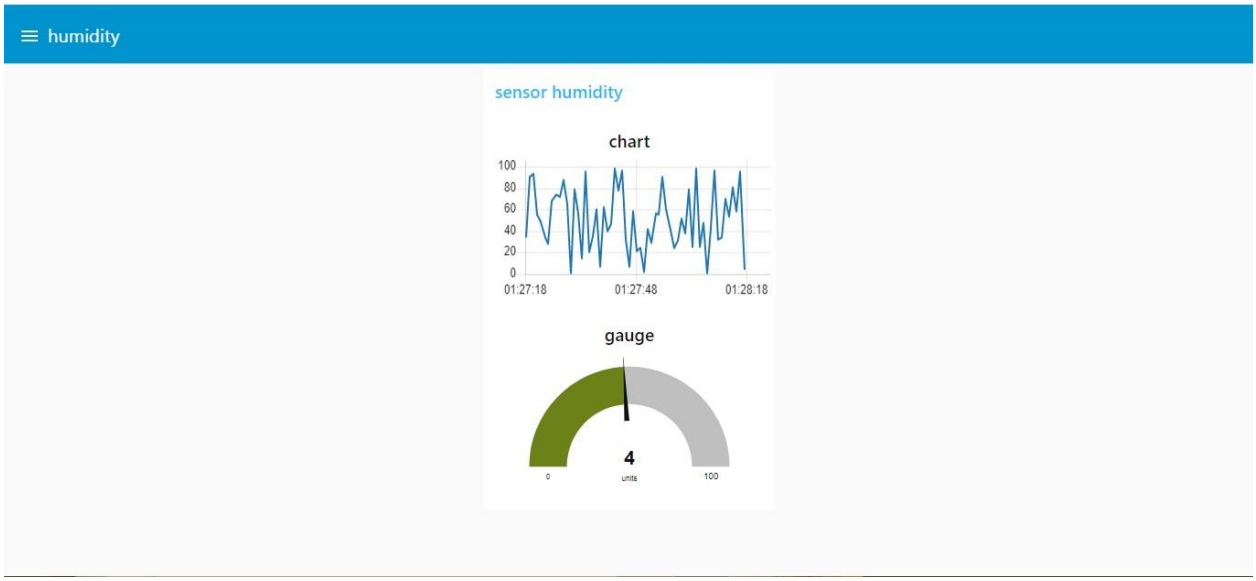
Node Red Flow :

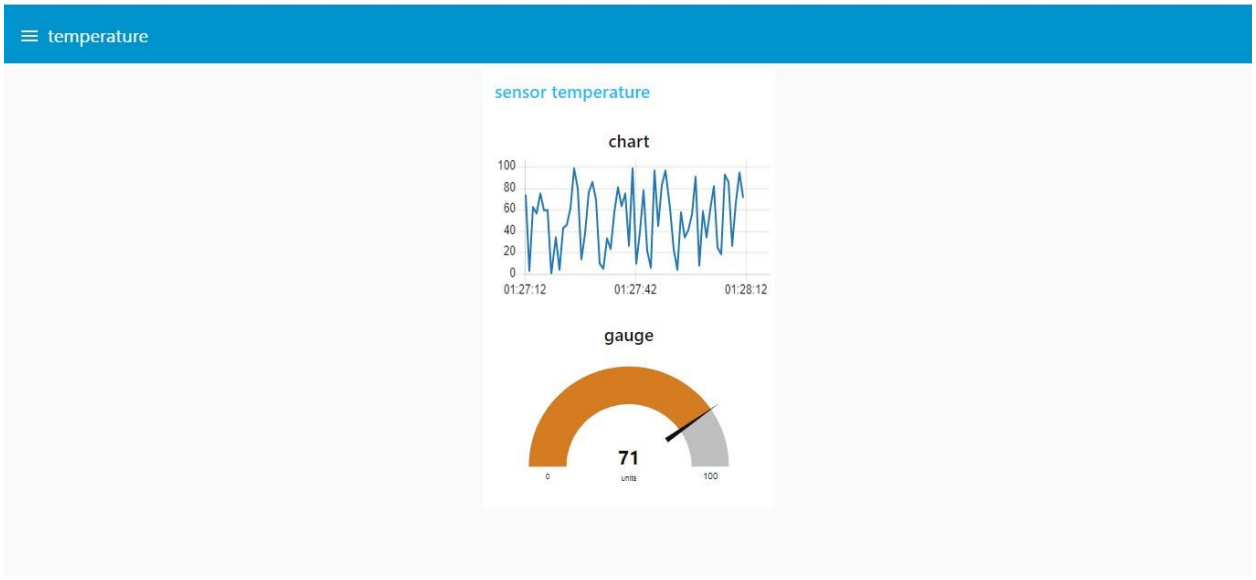




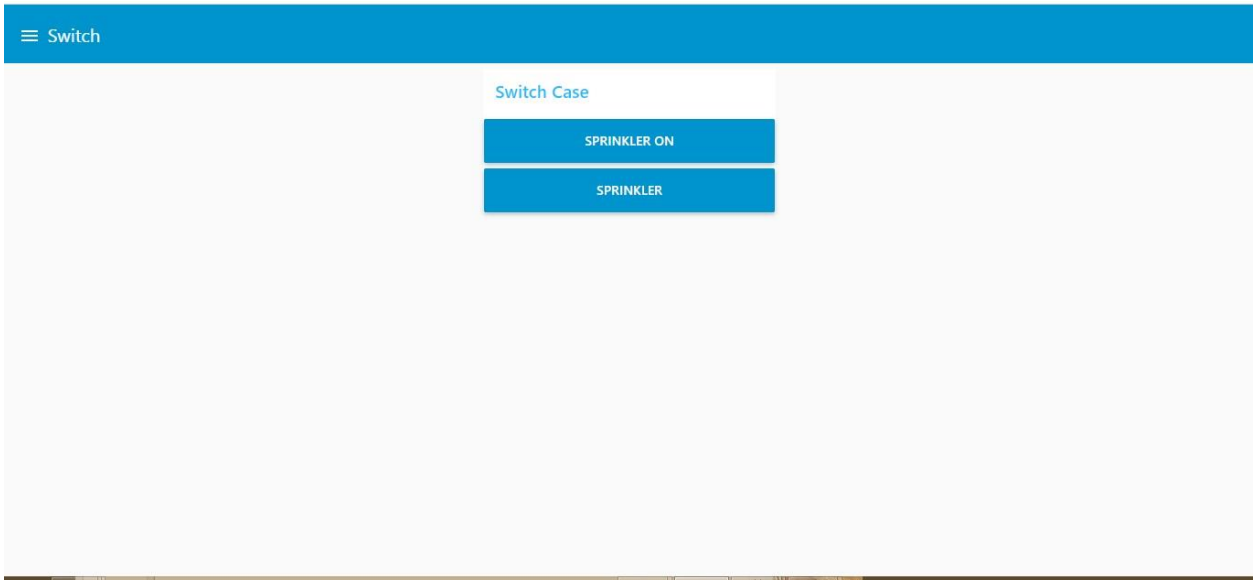
Dashboard Created Using Node :

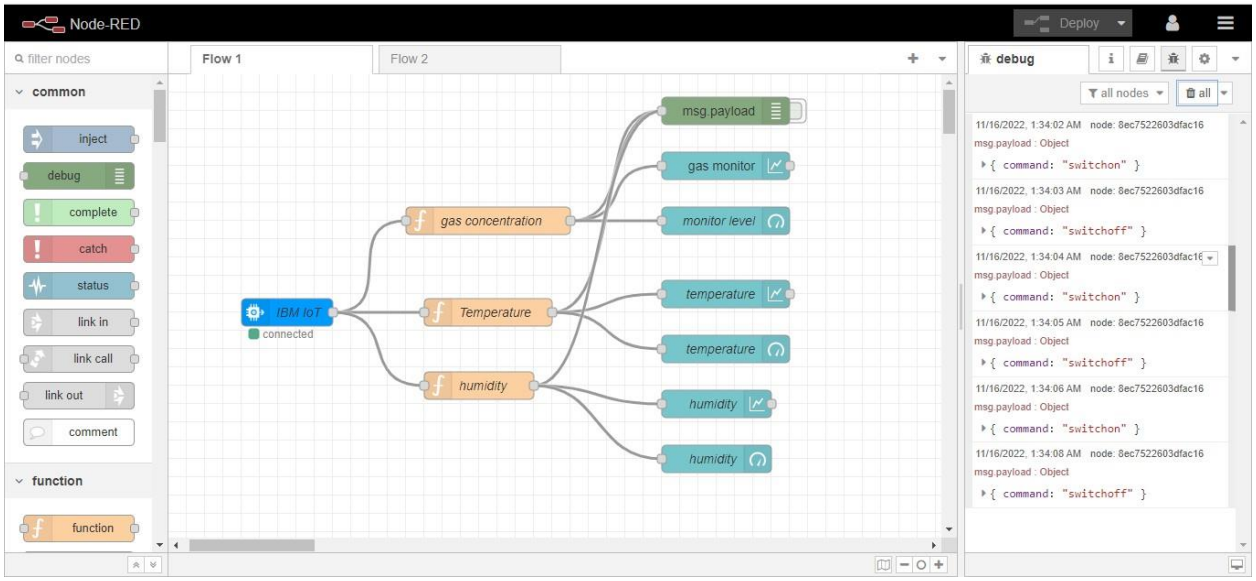

gas
sensor gas
monitor level
6
units
0
100
gas monitor
100
80
60
40
20
0
01:27:00
01:27:30
01:28:01


humidity
sensor humidity
chart
100
80
60
40
20
0
01:27:18
01:27:48
01:28:18
gauge
4
units
0
100


temperature
sensor temperature
chart
100
80
60
40
20
0
01:27:12
01:27:42
01:28:12
gauge
71
units
0
100

Testing :


Switch
Switch Case
SPRINKLER ON
SPRINKLER


Node-RED
Deploy
filter nodes
Flow 1
Flow 2
common
inject
debug
complete
catch
status
link in
link call
link out
comment
function
function
IBM IoT
connected
gas concentration
Temperature
humidity
msg.payload
gas monitor
monitor level
temperature
temperature
humidity
humidity
humidity
debug
all nodes
all
11/16/2022, 1:34:02 AM node: 8ec7522603dfac16
msg.payload : Object
{ command: "switchon" }
11/16/2022, 1:34:03 AM node: 8ec7522603dfac16
msg.payload : Object
{ command: "switchoff" }
11/16/2022, 1:34:04 AM node: 8ec7522603dfac16
msg.payload : Object
{ command: "switchon" }
11/16/2022, 1:34:05 AM node: 8ec7522603dfac16
msg.payload : Object
{ command: "switchoff" }
11/16/2022, 1:34:06 AM node: 8ec7522603dfac16
msg.payload : Object
{ command: "switchon" }
11/16/2022, 1:34:08 AM node: 8ec7522603dfac16
msg.payload : Object
{ command: "switchoff" }