PROJECT DEVELOPMENT PHASE

DELIVERY OF SPRINT-3

Date	14 November 2022
Team Id	PNT2022TMID32982
Project Name	INDUSTRY-SPECIFIC INTELLIGENT FIRE MANAGEMENT SYSTEM

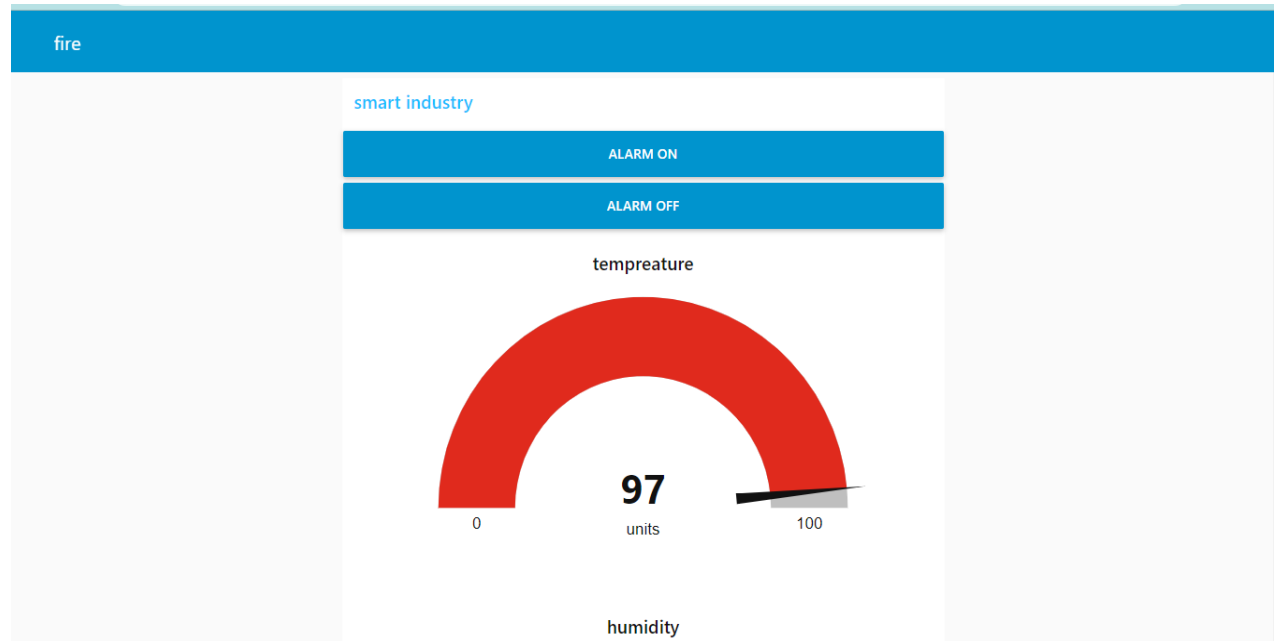* Building an node-red service to connect with python code as organization of IoT platform

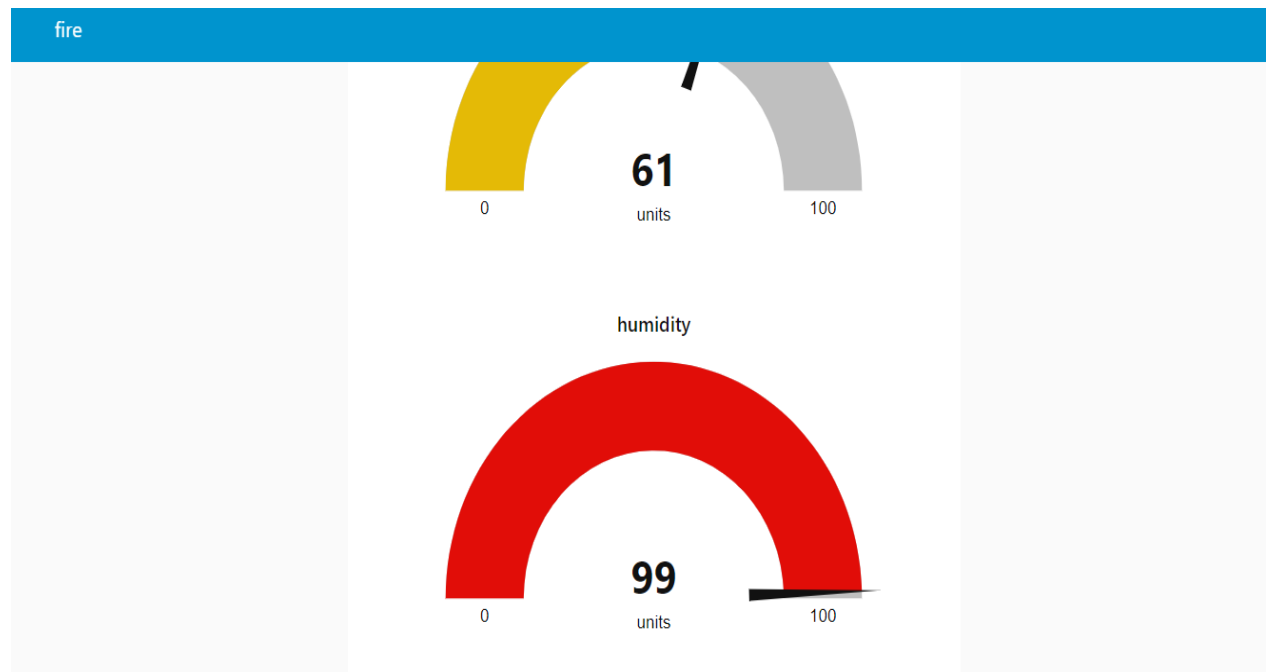STEP 1: Connecting required nodes in the Node-red platform.

Node-Red link to display :
https://node-red-lthve-2022-11-14.eu- gb.mybluemix.net/red/#flow/8d10f455be663368
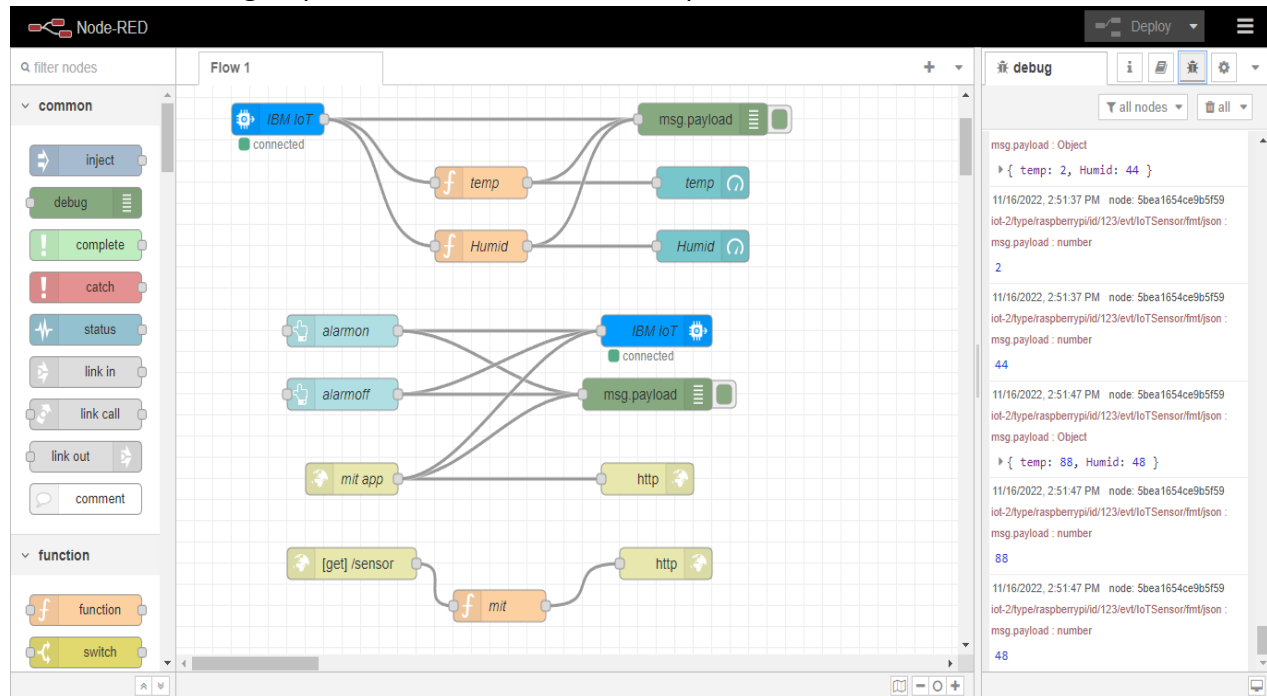
STEP 2 : Dashboard UI **(SWITCH AND TEMPREATURE)**

HUMIDITY READING

DASHBOARD LINK :
https://node-red-lthve-2022-11-14.eu-gb.mybluemix.net/ui/#!/0?socketid=RRDzNkM3S4HOuV-nAABY

STEP 3 : Node red connected with python code and ALARM ON and ALARM OFF command executed with in result

```
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AMD64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
================== RESTART: C:\Users\riyas M\Desktop\fgf.py ==================
2022-11-16 15:06:24,341   ibmiotf.device.Client     INFO    Connected successfully: d:56axre:raspberrypi:123
Published Temperature = 93 C Humidity = 55 % to IBM Watson
Published Temperature = 29 C Humidity = 54 % to IBM Watson
Command received: alarmoff
Alarm is off
Published Temperature = 84 C Humidity = 50 % to IBM Watson
Command received: alarmon
Alarm is on
Published Temperature = 62 C Humidity = 63 % to IBM Watson
Command received: alarmoff
Alarm is off
Published Temperature = 76 C Humidity = 31 % to IBM Watson
Command received: alarmon
Alarm is on
Published Temperature = 45 C Humidity = 58 % to IBM Watson
Command received: alarmoff
Alarm is off
Published Temperature = 41 C Humidity = 70 % to IBM Watson
Published Temperature = 36 C Humidity = 63 % to IBM Watson
Published Temperature = 54 C Humidity = 46 % to IBM Watson
Published Temperature = 59 C Humidity = 69 % to IBM Watson
Published Temperature = 84 C Humidity = 54 % to IBM Watson
Published Temperature = 83 C Humidity = 60 % to IBM Watson
Command received: alarmon
Alarm is on
Published Temperature = 19 C Humidity = 5 % to IBM Watson
Command received: alarmoff
Alarm is off
Published Temperature = 74 C Humidity = 9 % to IBM Watson
```