## SPRINT - 02

Date:	17 November 2022
Team ID:	PNT2022TMID37754
Project Name	Industry-specific intelligent fire management system
Story point	20

# **Sprint goal:**

Push the code from Sprint 1 to cloud so it can be accessed from anywhere

#### **OUTPUT:**

### **PYTHON CODE**

```
import requests
api_data =
"https://api.openweathermap.org/data/2.5/weather?q=Chennai,IN&appid=83b76984e68a9673cadf6ae071a53b0
re=requests.get(url=api_data)
data= rec.json()
print(data)
temp = data['main']['tem']
print("\nTemperature is : ", tem)
humidity = data['main']['hum']
print("Humidity is : ", hum)
PYTHON CODE:
#IBM Watson IOT Platform
#pip install wiotp-sdk
import wiotp.sdk.device
import time
import random
myConfig = {
  "identity": {
    "orgId": "60ys35",
     "typeId": "iot",
     "deviceId":"4321"
  },
  "auth": {
```

def myCommandCallback(cmd):

"token": "921"

}

}

print("Message received from IBM IoT Platform: %s" % cmd.data['command'])

```
m=cmd.data['command']
```

```
client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
client.connect()
```

#### while True:

temp=random.randint(-20,125)

hum=random.randint(0,100)

myData={'temperature':temp, 'humidity':hum}

client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0, onPublish=None)

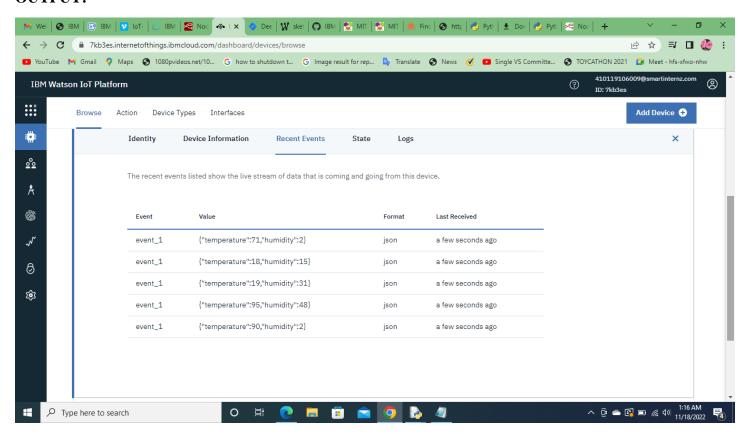
print("Published data Successfully: %s", myData)

client.commandCallback = myCommandCallback

time.sleep(2)

client.disconnect()

#### **OUTPUT:**



### THANK YOU..!!