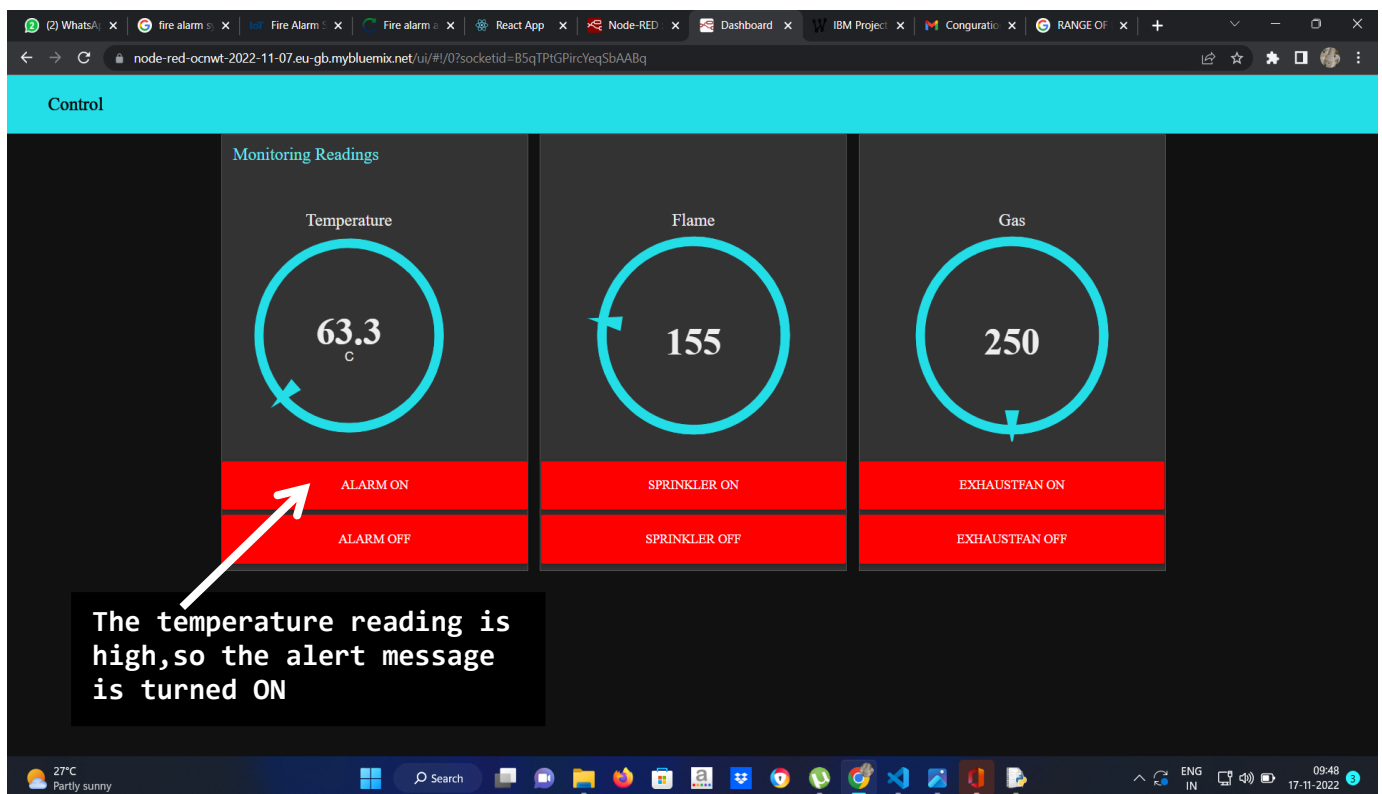


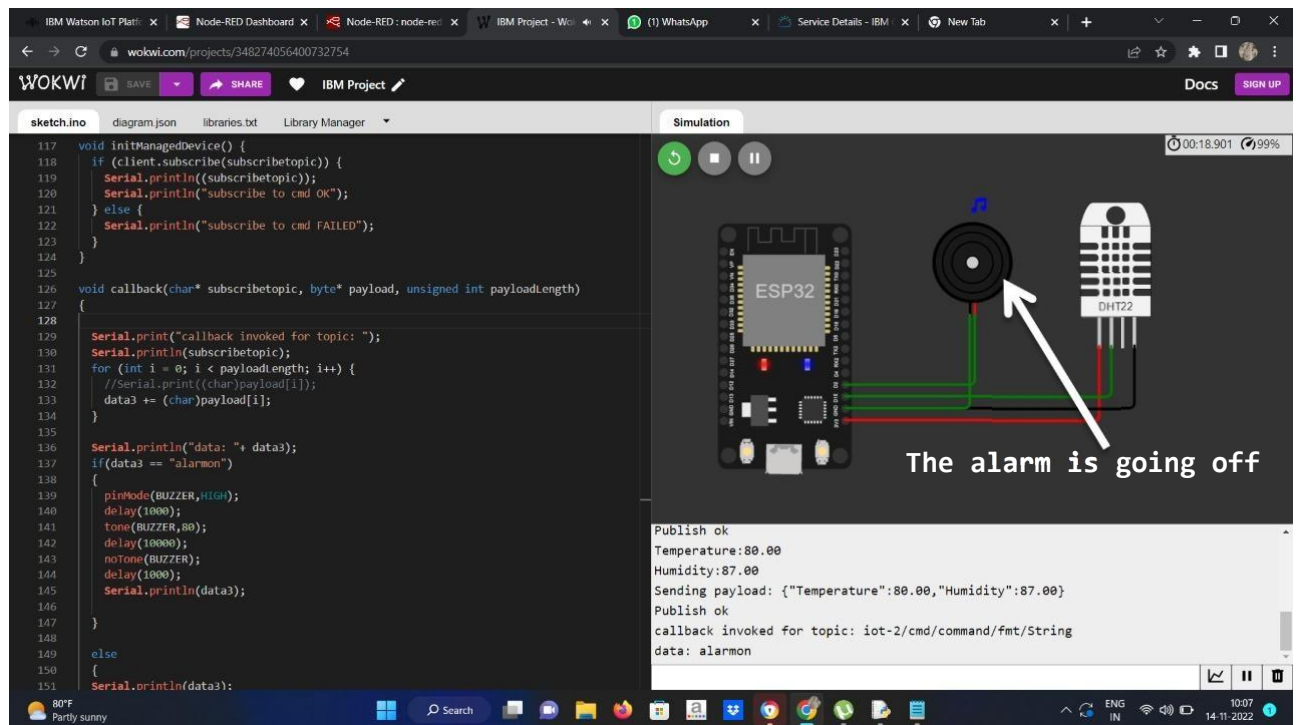
Project Development
Phase Delivery of Sprint - 4

Date	18 November 2022
Team ID	PNT2022TMID30309
Project Name	INDUSTRY SPECIFIC INTELLIGENT FIRE MANAGEMENT SYSTEM

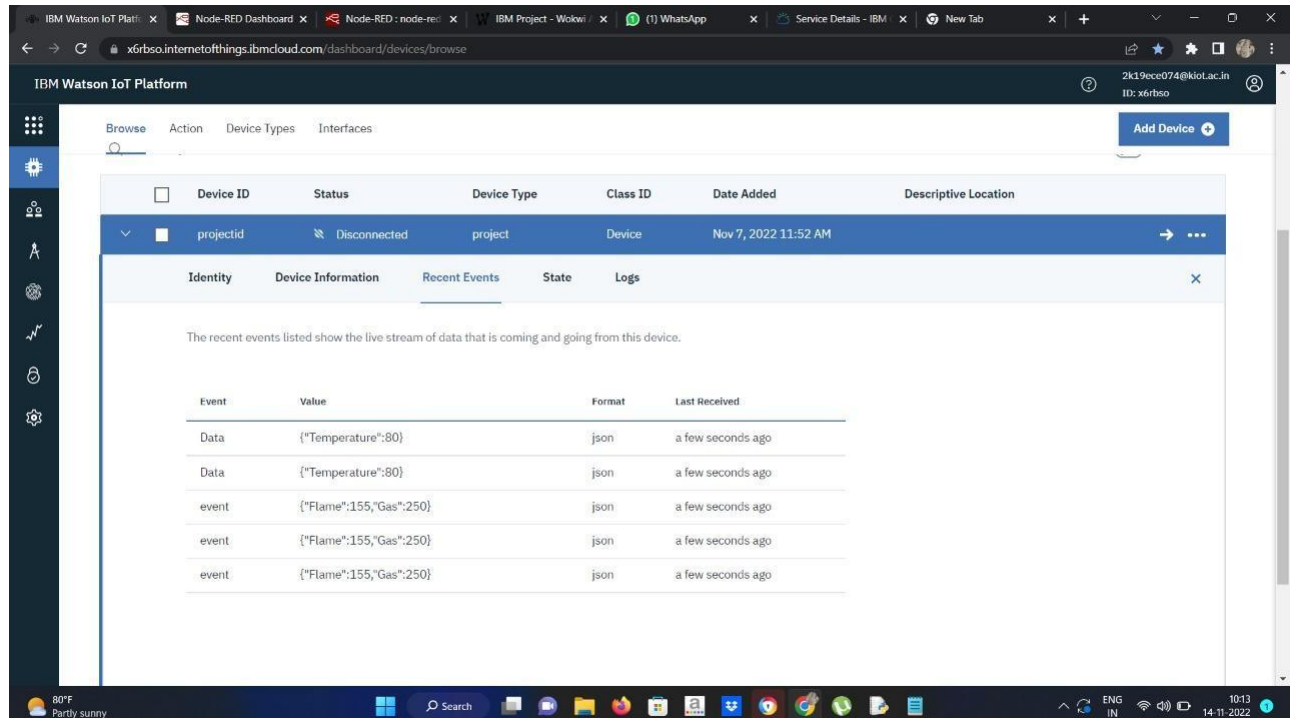
TESTING

Temperature sensor :





IBM Cloud :



Flame and Gas Sensor :

```
varalaadaaa.py - C:\Python\Python37\varalaadaaa.py (3.7.0)
File Edit Format Run Options Window Help

import time
import sys
import ibmiotf.application
import ibmiotf.device

#Provide your IBM Watson Device Credentials
organization = "xkrbsao" # replace it with organization ID
deviceType = "project" #replace it with device type
deviceId = "projectid" #replace with device id
authMethod = "token"
authToken = "QshrsS2r0@q5)kh$#" #replace with token

def myCommandCallback(cmd):
    print("Command received: %s" % cmd.data)
    if cmd.data['command']=='Sprinkler On':
        print("sprinkler On")
    elif cmd.data['command'] == 'Sprinkler Off':
        print("sprinkler Off")

def myCommandCallback(cmd):
    print("Command received: %s" % cmd.data)
    if cmd.data['command']=='ExhaustFan On':
        print("ExhaustFan On")

try:
    deviceOptions = {"org": organization, "type": deviceType, "id": deviceId, "auth-method": authMethod}
    deviceCli = ibmiotf.device.Client(deviceOptions)
    #.....

except Exception as e:
    print("Caught exception connecting device: %s" % str(e))
    sys.exit(1)

deviceCli.connect()

while True:
    F=155;
    G=250;

    #Send Temperature & Humidity to IBM Watson
    data = { 'Flame' : F,'Gas': G }
    #print data
    def myOnPublishCallback():
        print("Published Flame = %s C" % F, "Gas = %s %%" % G, "to IBM Watson")
```

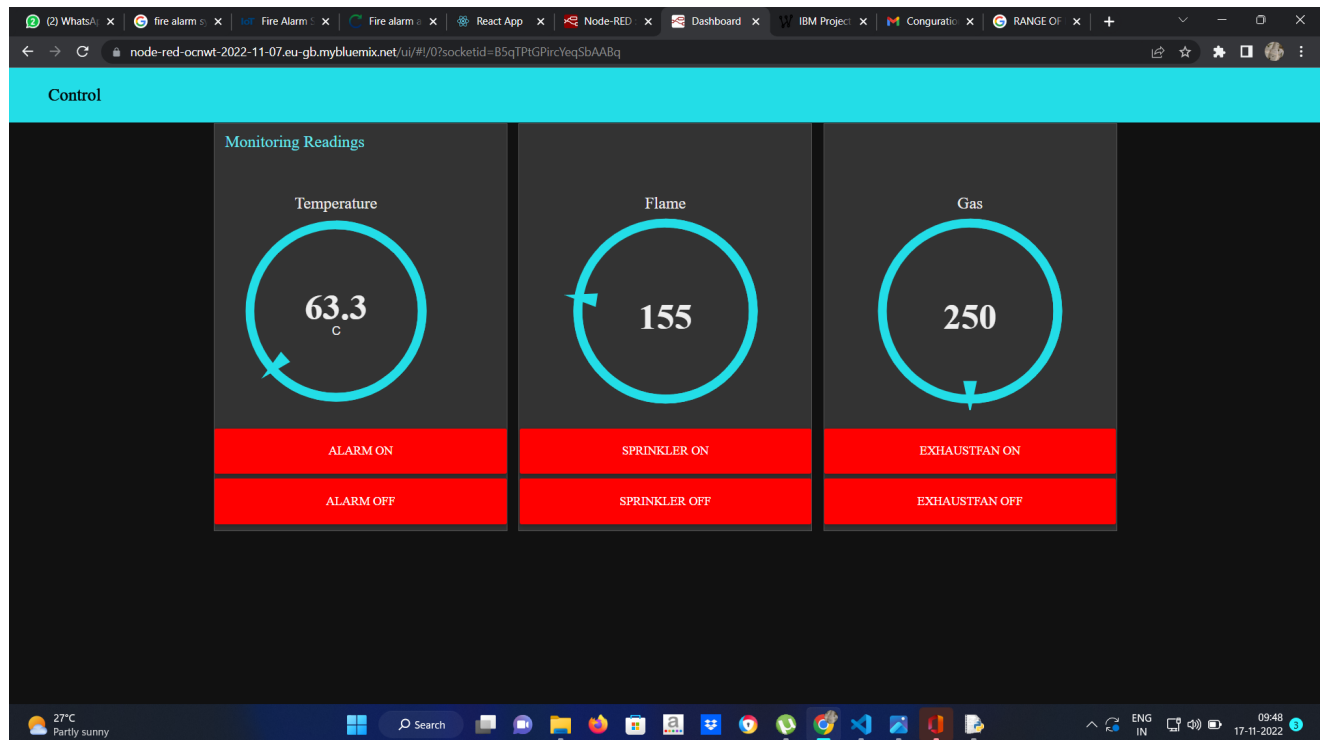
IBM Cloud :

The screenshot displays the IBM Watson IoT Platform interface. At the top, the browser address bar shows the URL `x6rbs0.internetofthings.ibmcloud.com/dashboard/devices/browse`. The page header includes the 'IBM Watson IoT Platform' logo and a user profile icon. The main navigation bar contains tabs for 'Browse', 'Action', 'Device Types', and 'Interfaces'. A blue 'Add Device' button is located in the top right corner.

The central content area shows a list of devices. The selected device, 'projectid', is in a 'Disconnected' state. Below the device list, a tabbed interface is visible with the 'Recent Events' tab active. A message states: 'The recent events listed show the live stream of data that is coming and going from this device.'

The 'Recent Events' table displays the following data:

Event	Value	Format	Last Received
event	{"Flame":155,"Gas":250}	json	a few seconds ago
event	{"Flame":155,"Gas":250}	json	a few seconds ago
event	{"Flame":155,"Gas":250}	json	a few seconds ago
event	{"Flame":155,"Gas":250}	json	a few seconds ago
event	{"Flame":155,"Gas":250}	json	a few seconds ago



The Alarm , sprinkler and exhaust fan working as per the instruction

