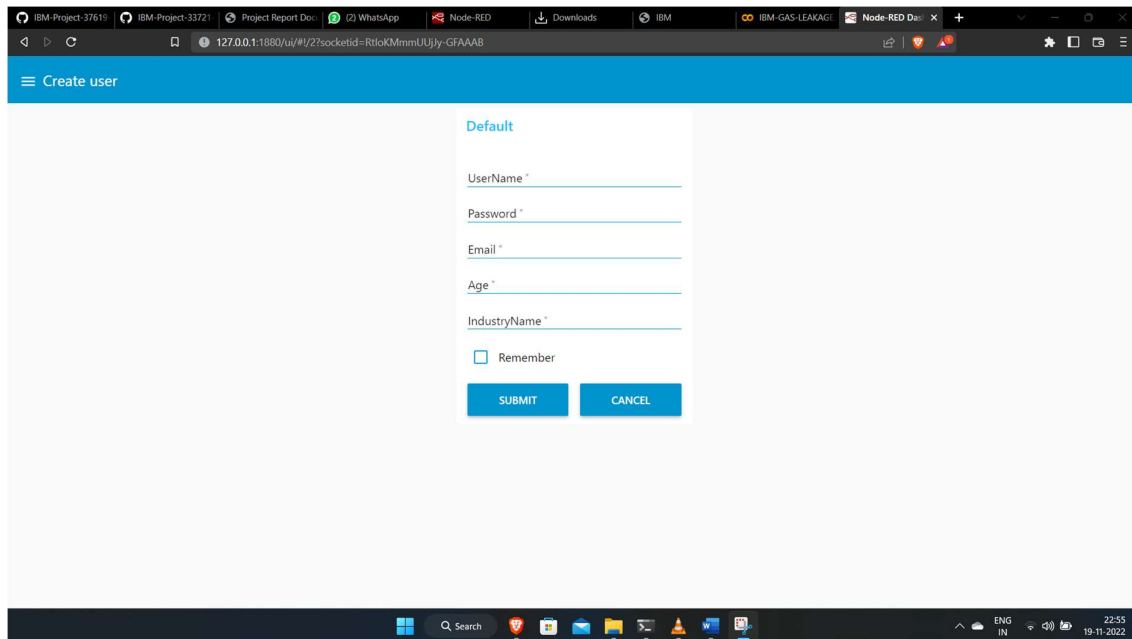


WEB APPLICATION DEVELOPMENT USING NODE-RED

Team ID	PNT2022TMID21520
Project Name	Gas Leakage monitoring & Alerting system for Industries



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127.0.0.1:1880/ui/#/2?socketid=Rt0KMmmUjJy-GFAAAB

Create user

Default

Username *

Password *

Email *

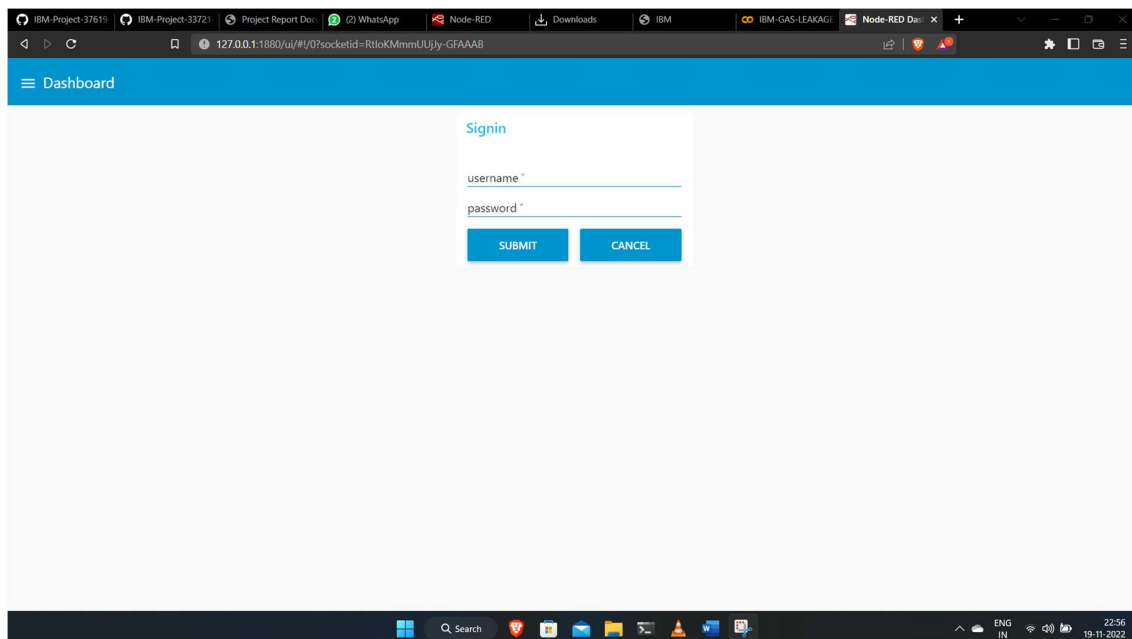
Age *

IndustryName *

☐ Remember

SUBMIT CANCEL

Search ENG IN 22:55 19-11-2022



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127.0.0.1:1880/ui/#/0?socketid=Rt0KMmmUjJy-GFAAAB

Dashboard

Signin

username *

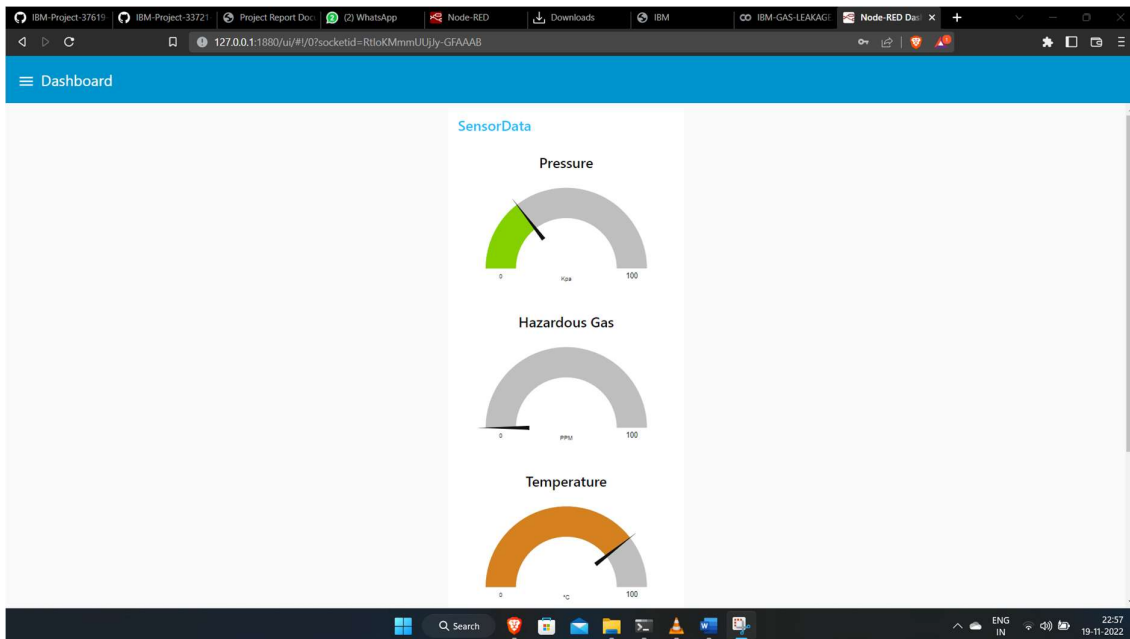
password *

SUBMIT CANCEL

Search ENG IN 22:56 19-11-2022

```
import wiotp.sdk.device
import time
import random
myConfig = {
    "identity": {
        "orgId": "miz/mjd",
        "typeId": "NodeMCU",
        "deviceId": "12345"
    },
    "auth": {
        "token": "12345678 "
    }
}

def myCommandCallback(cmd):
    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:
        hgas=0
        gas=random.randint(0,1)
        if(gas==1):
            hgas=random.randint(1,100)
        temp=random.randint(0,100)
        hum=random.randint(0,100)
        pre=random.randint(0,100)
        mydata={'Gas':hgas, 'temperature':temp, 'humidity':hum, 'Pressure':pre }
        client.publish(eventId="status", msgformat="json",
                      data=mydata, qos=0, onPublish=None)
```



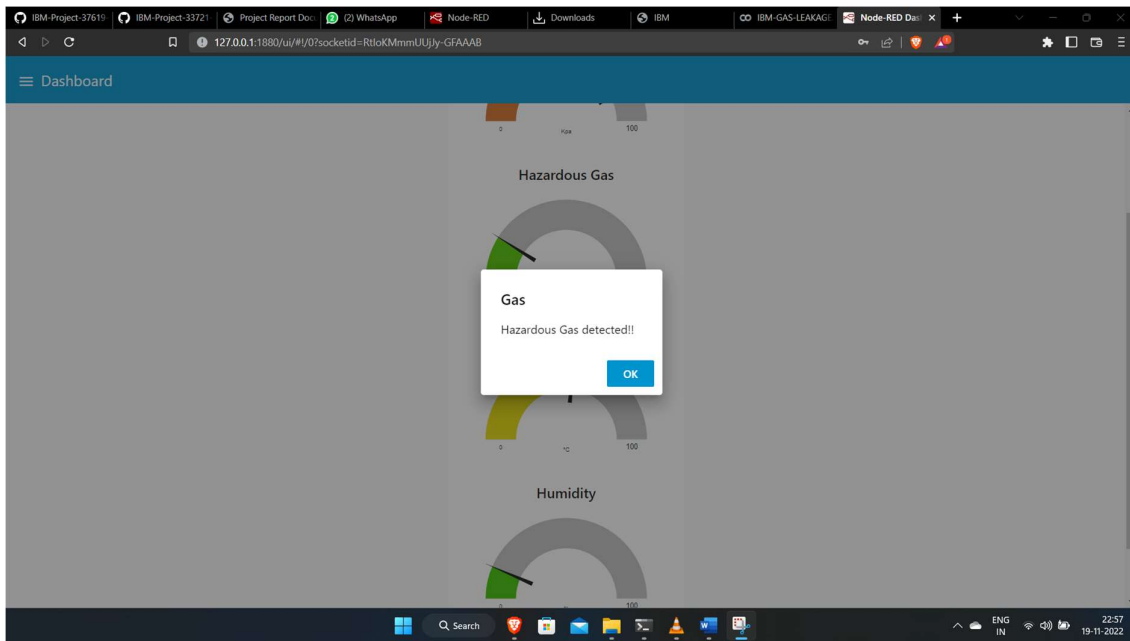


Table data

Data History

Temperature°C	Humidity%	HazardousGas...	Pressure(KPa)
79	28	0	95
100	79	0	91
64	79	23	86
73	100	0	98
53	43	27	57
53	68	51	71
79	58	0	29
48	38	0	66
38	20	4	13
6	93	68	47
21	99	0	14
77	60	0	82
67	73	67	76
18	48	15	84
53	13	18	84
13	12	0	41
30	75	0	11

The table displays a history of sensor data. It has four columns: Temperature in degrees Celsius, Humidity percentage, Hazardous Gas status, and Pressure in KPa. The data is presented in a list of rows, with the most recent entry at the top.

