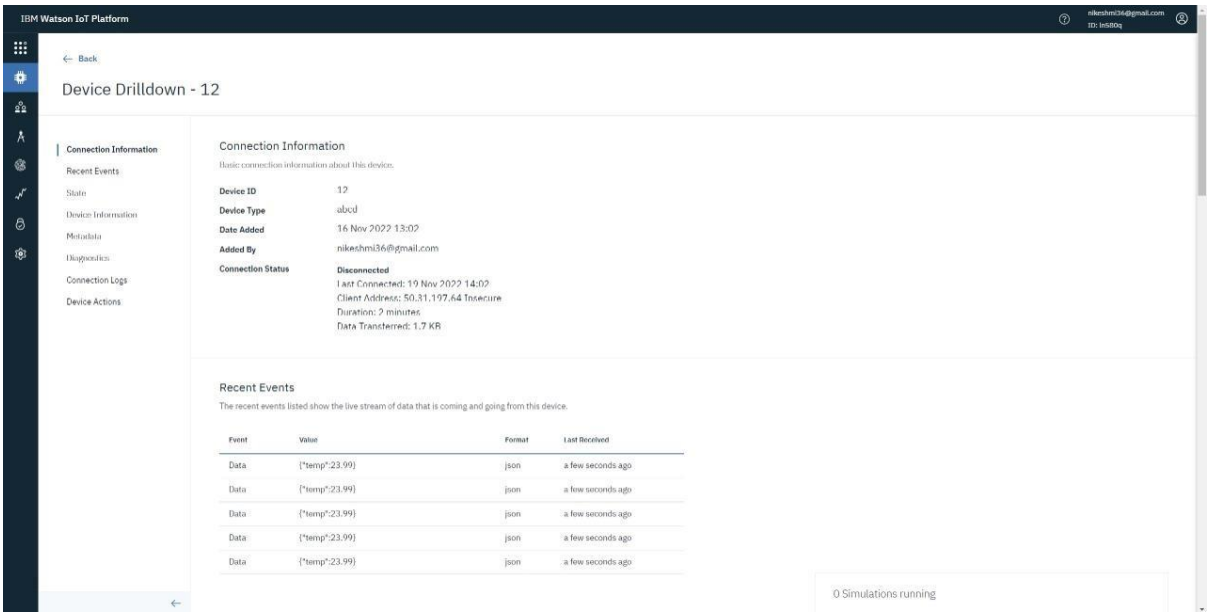
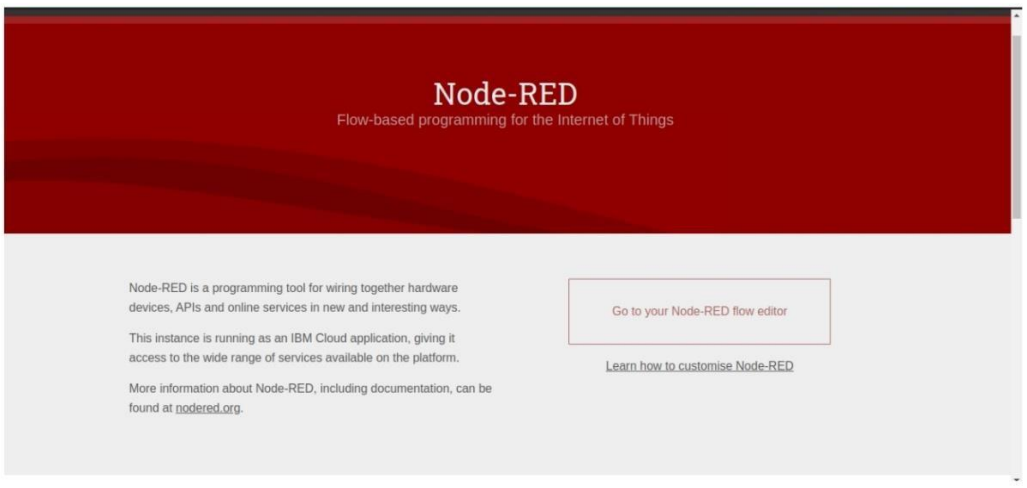
Project development phase-sprint 2

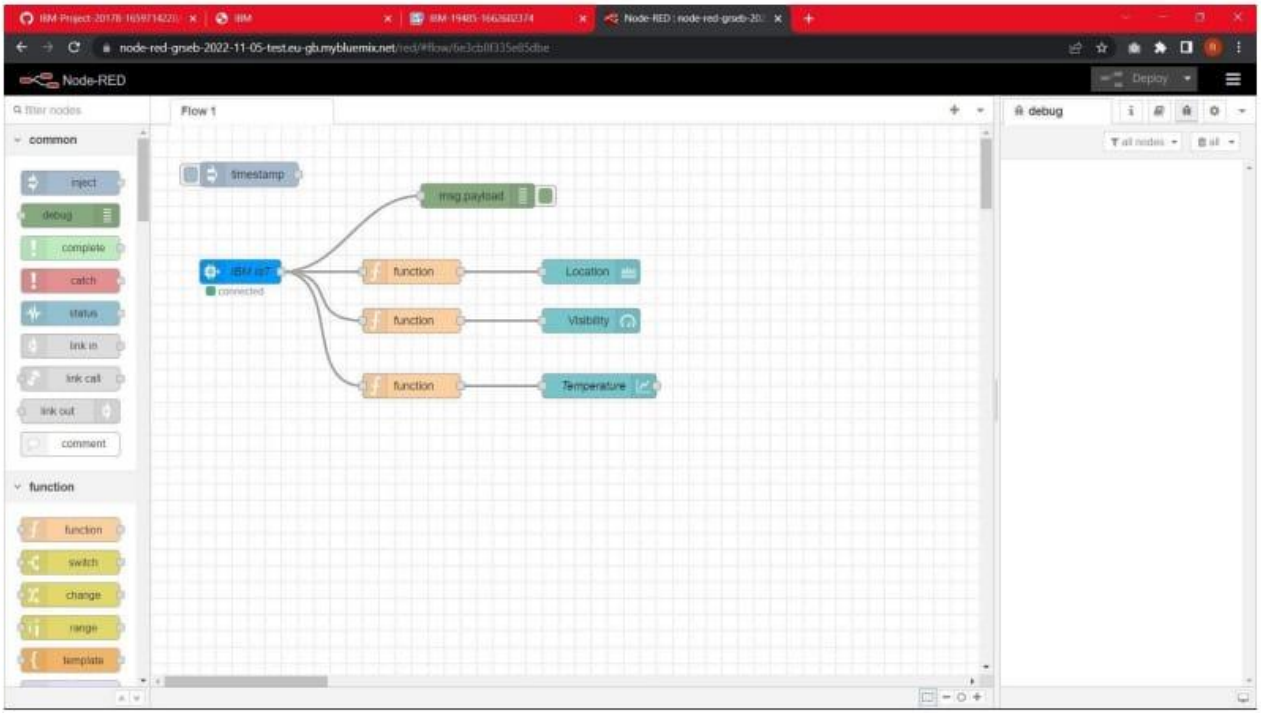
Date	18 NOVEMBER 2022
Team ID	PNT2022TMID40881
Project Name	Industry-specific intelligent fire management system

IMAGES OF IBM CLOUD:

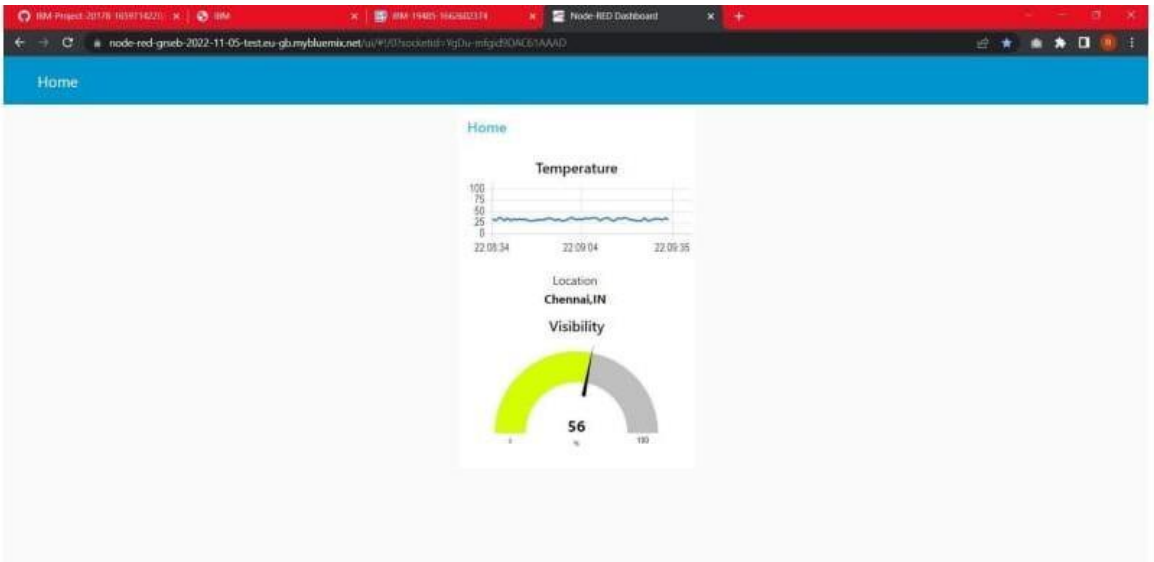


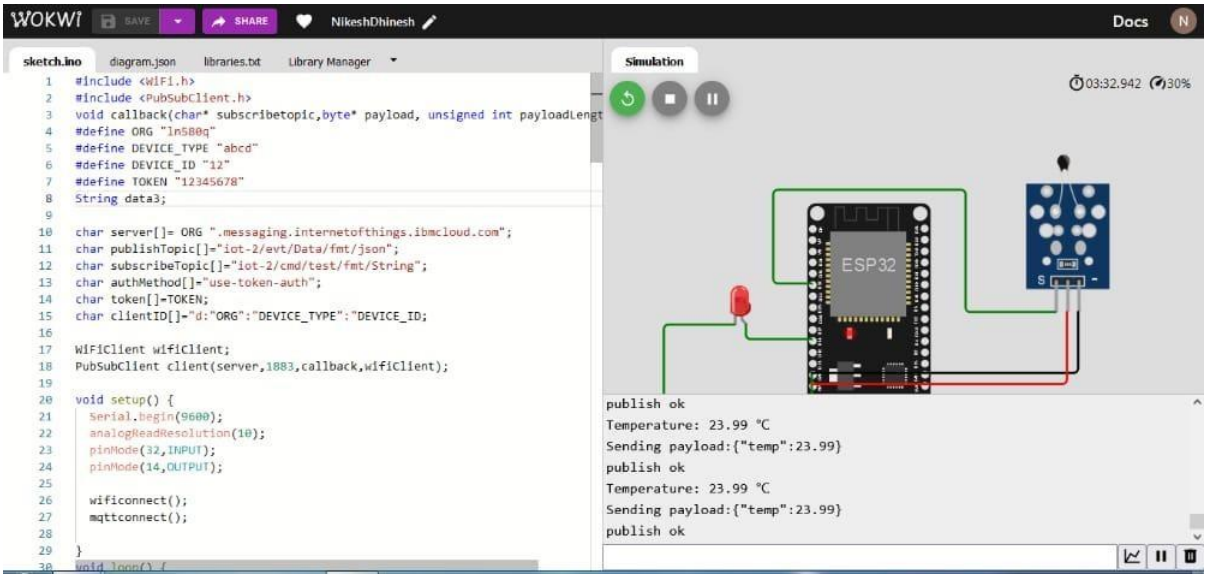


CREATE NODE-RED SERVICE



Signs with smart connectivity for better read TEAM ID : PNT2022TMID40881




WOKWI
SAVE
SHARE
NikeshDhinesh
Docs
sketch.ino
diagram.json
libraries.txt
Library Manager
#include <WiFi.h>
#include <PubSubClient.h>
void callback(char* subscribetopic,byte* payload, unsigned int payloadLengt
#define ORG "1n580q"
#define DEVICE_TYPE "abcd"
#define DEVICE_ID "12"
#define TOKEN "12345678"
String data3;
char server[]= ORG ".messaging.internetofthings.ibmcloud.com";
char publishTopic[]="iot-2/evt/Data/fmt/json";
char subscribeTopic[]="iot-2/cmd/test/fmt/String";
char authMethod[]="use-token-auth";
char token[]=TOKEN;
char clientID[]="d:"ORG":"DEVICE_TYPE":"DEVICE_ID;
WiFiClient wifiClient;
PubSubClient client(server,1883,callback,wifiClient);
void setup() {
Serial.begin(9600);
analogReadResolution(10);
pinMode(32,INPUT);
pinMode(14,OUTPUT);
wificonnect();
mqttconnect();
}
void loop() {
Simulation
03:32.942
30%
ESP32
S
-
publish ok
Temperature: 23.99 °C
Sending payload:{"temp":23.99}
publish ok
Temperature: 23.99 °C
Sending payload:{"temp":23.99}
publish ok