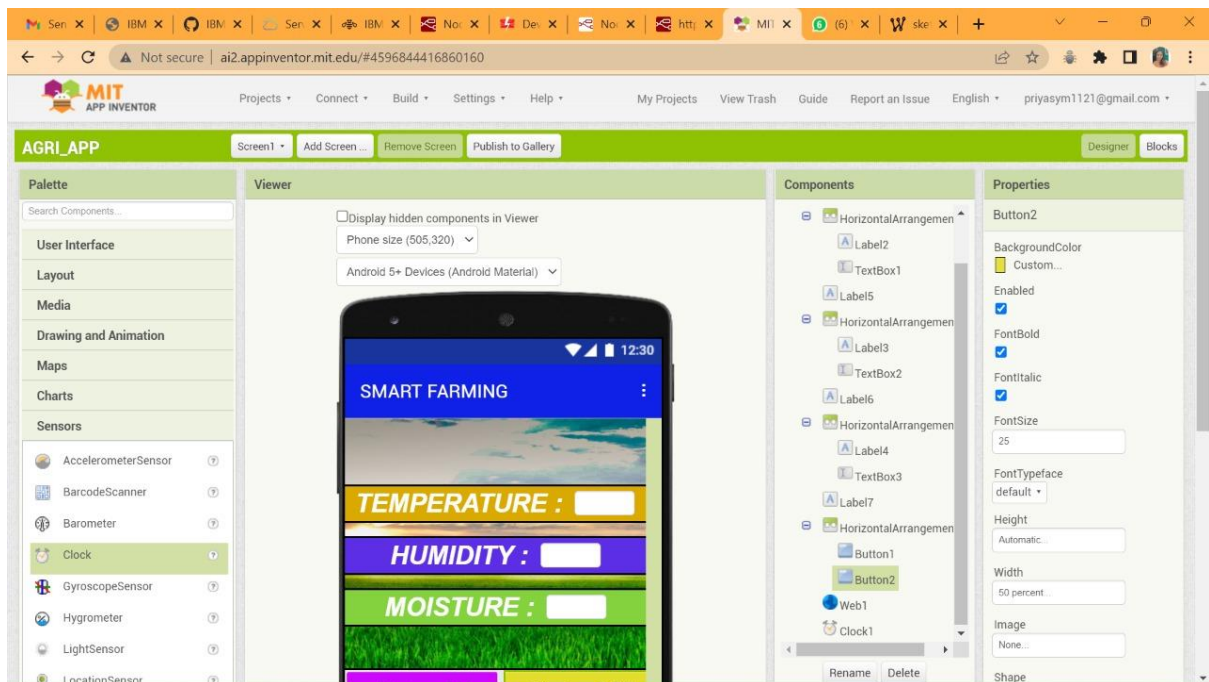
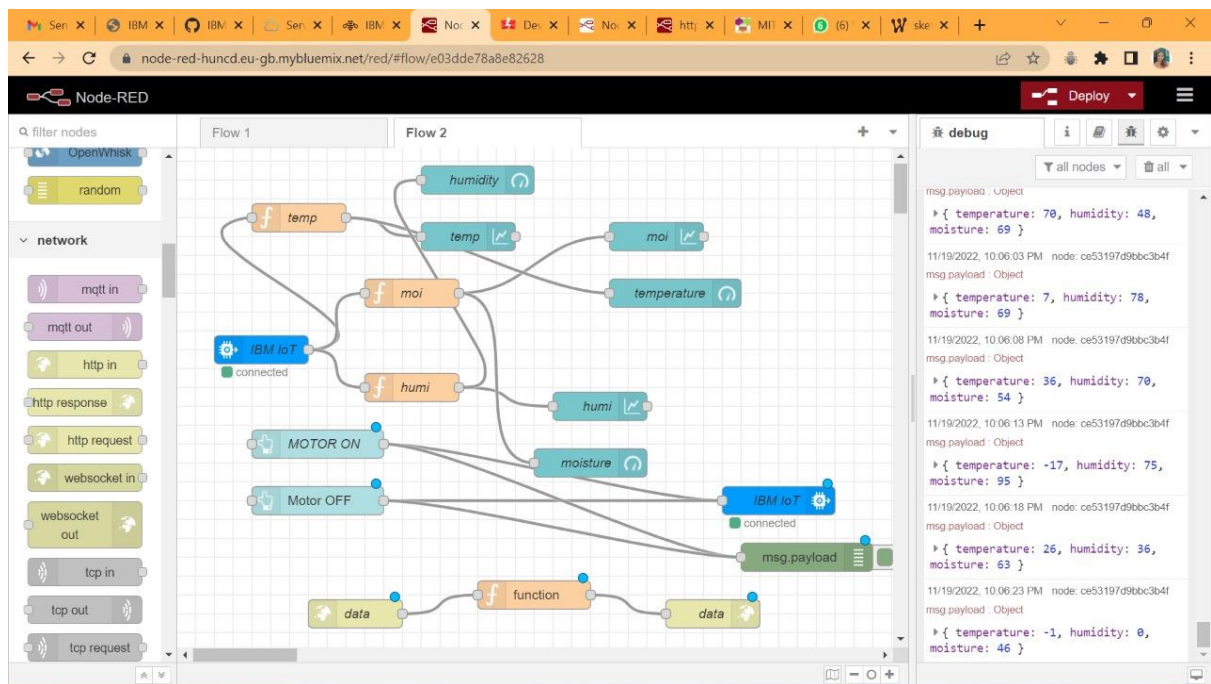


TEAM ID : PNT2022TMID18018

**PROJECT NAME : SMART FARMER – IOT ENABLED
SMART FARMING APPLICATION**

WORKING MODEL – IMAGES





Sen x IBM x IBM x Sen x IBM x No x De x No x htt x MI x (6) x W ske x

wokwi.com/projects/347316804969824850

WOKWI SAVE SHARE

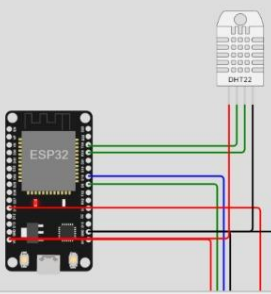
Docs

sketch.ino diagram.json libraries.txt Library Manager

```
1 #include <WiFi.h>
2 #include <PubSubClient.h>
3 WiFiClient wifiClient;
4 String data3;
5 #define orgId "lkar9x"
6 #define DEVICE_TYPE "NODE"
7 #define DEVICE_ID "007"
8 #define TOKEN "8870974835"
9 #define speed 0.034
10 #define led 14
11 char server[] = orgId".messaging.internetofthings.ibmcloud.com";
12 char publishTopic[] = "iot-2/evt/event2/fmt/json";
13 char topic[] = "iot-2/cmd/home/fmt/String";
14 char authMethod[] = "use-token-auth";
15 char token[] = TOKEN;
16 char clientId[] = "d:" orgId ":" DEVICE_TYPE ":" DEVICE_ID;
17 PubSubClient client(server, 1883, wifiClient);
18
19
20
21 const int trigpin=5;
22 const int echopin=18;
23 String command;
24 String data="";
25
26 long duration;
27 float dist;
28
29
30
```

Simulation

00:17.280 100%



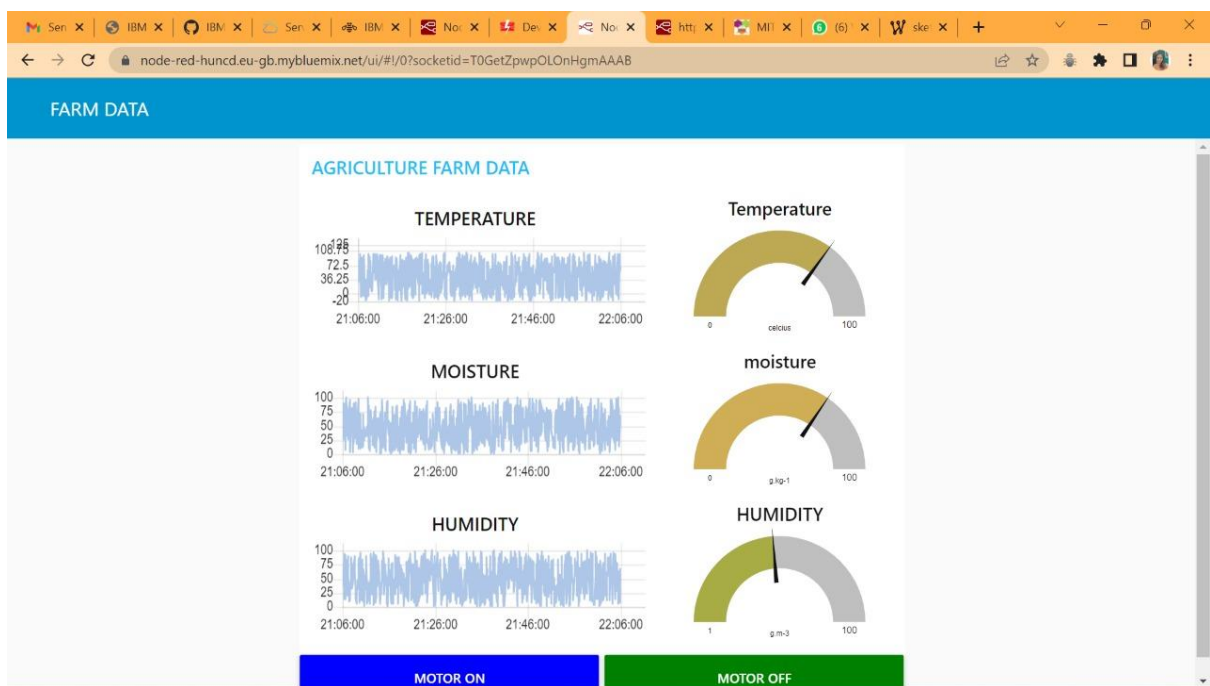
Publish OK

Sending payload: {" tempreture":1.99}

Publish OK

Sending payload: {" tempreture":1.99}

Publish OK



10:15

Vol LTE 55%

SMART FARMING



TEMPERATURE : -17

HUMIDITY : 61

MOISTURE : 34

Motor ON

Motor OFF

