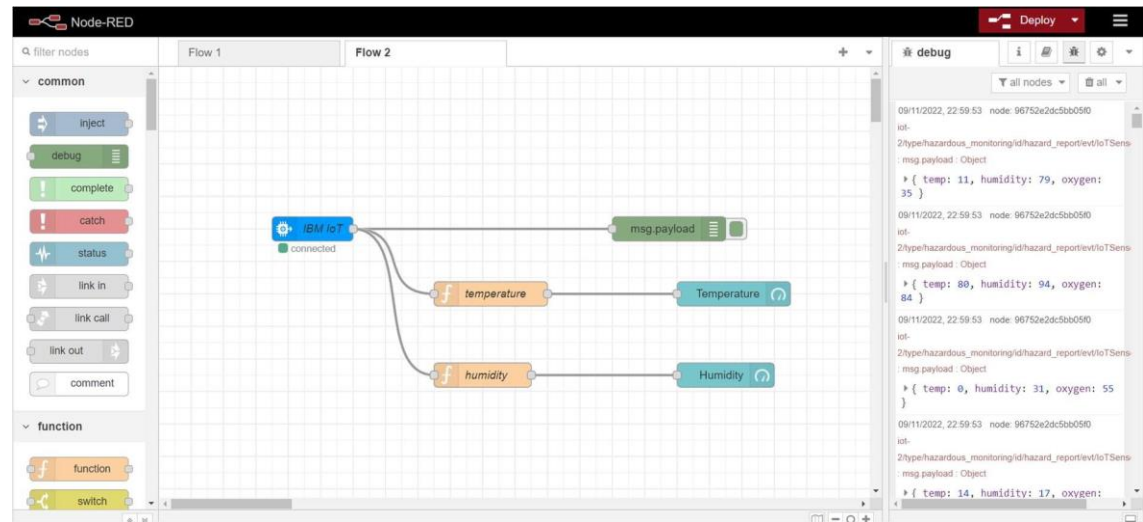


Building Mobile App

Team ID	PNT2022TMID32725
Project Name	Hazardous Area Monitoring for Industrial Plant powered by IoT



Node-RED interface showing a function node configuration and a debug console.

Edit function node

Properties

Name: temperature

On Message

```
1 msg.payload=msg.payload.temp
2 global.set('t',msg.payload)
3 return msg;
```

debug

2/typehazardous_monitoring/id/hazard_report/v6/loTSens
:msg payload : Object

```
{ temp: 86, humidity: 44, oxygen: 88 }
```

10/11/2022, 08:48:05 node: 96752e2dc5bb0590

2/typehazardous_monitoring/id/hazard_report/v6/loTSens
:msg payload : Object

```
{ temp: 18, humidity: 91, oxygen: 74 }
```

10/11/2022, 08:48:06 node: 96752e2dc5bb0590

2/typehazardous_monitoring/id/hazard_report/v6/loTSens
:msg payload : Object

```
{ temp: 77, humidity: 91, oxygen: 34 }
```

10/11/2022, 08:48:07 node: 96752e2dc5bb0590

2/typehazardous_monitoring/id/hazard_report/v6/loTSens
:msg payload : Object

```
{ temp: 69, humidity: 31, oxygen: 35 }
```

Node-RED interface showing a function node configuration and a debug console.

Edit function node

Properties

Name: httpfunction

On Message

```
1 msg.payload={"temperature":global.get('t'),"humidity":global.get('h')}
2 return msg;
```

debug

2/typehazardous_monitoring/id/hazard_report/v6/loTSens
:msg payload : Object

```
{ temp: 84, humidity: 46, oxygen: 43 }
```

10/11/2022, 08:48:19 node: 96752e2dc5bb0590

2/typehazardous_monitoring/id/hazard_report/v6/loTSens
:msg payload : Object

```
{ temp: 19, humidity: 28, oxygen: 5 }
```

10/11/2022, 08:48:20 node: 96752e2dc5bb0590

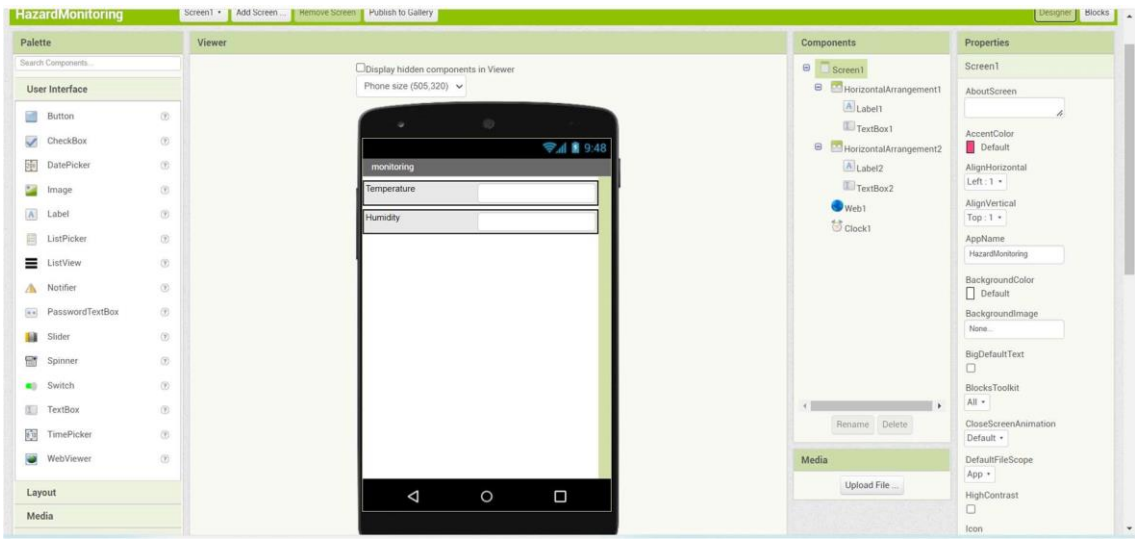
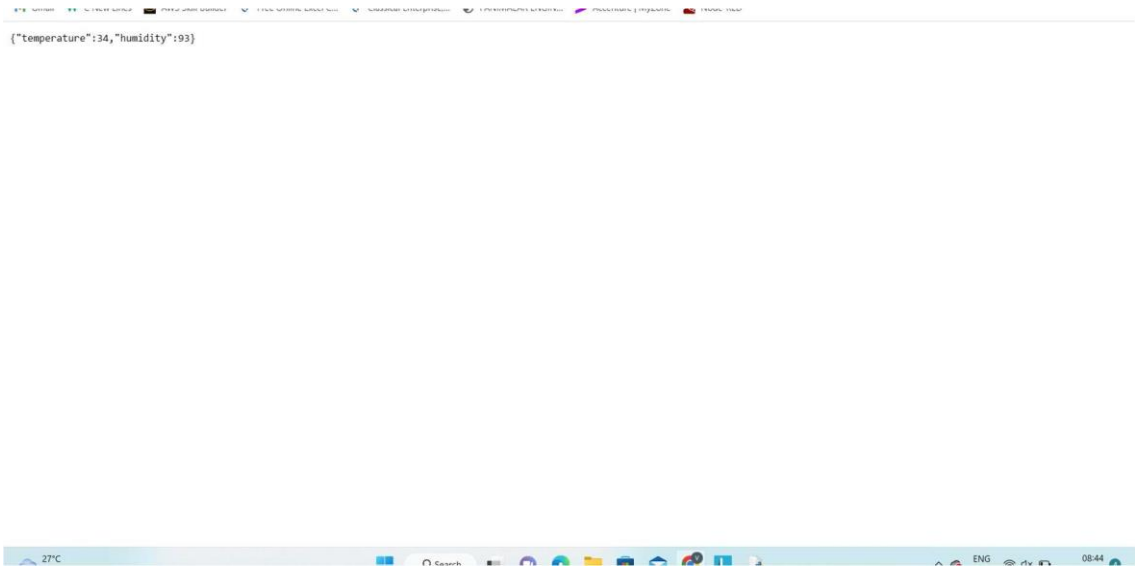
2/typehazardous_monitoring/id/hazard_report/v6/loTSens
:msg payload : Object

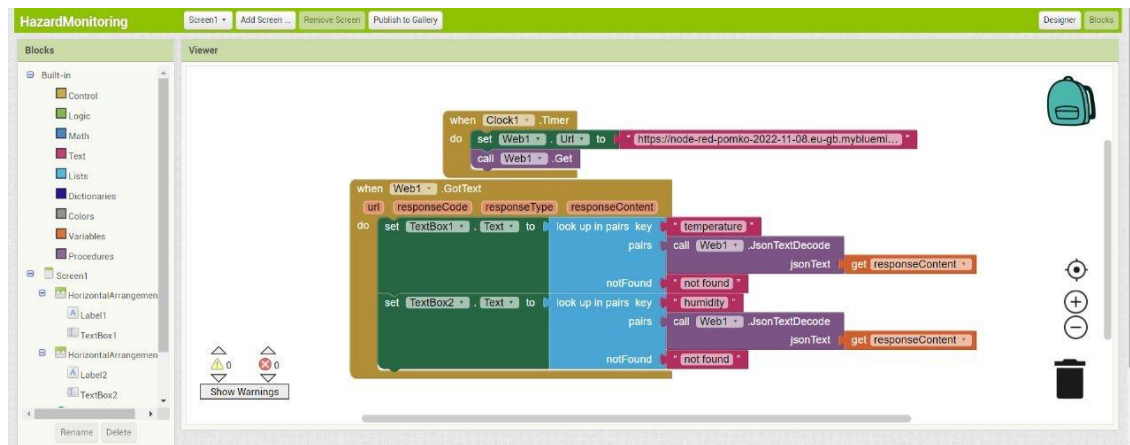
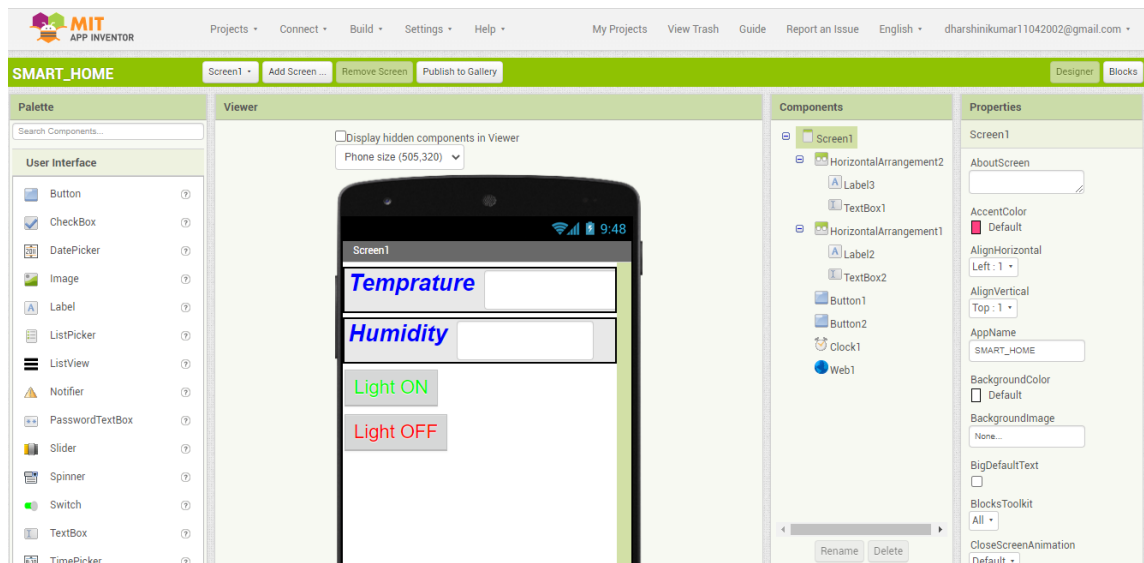
```
{ temp: 58, humidity: 25, oxygen: 21 }
```

10/11/2022, 08:48:21 node: 96752e2dc5bb0590

2/typehazardous_monitoring/id/hazard_report/v6/loTSens
:msg payload : Object

```
{ temp: 27, humidity: 27, oxygen: 56 }
```





MIT APP INVERTER DISPLAY

Monitoring	
Temperature	88
Humidity	7