

SPRINT - 4

DOMAIN: INTERNET OF THINGS

PROJECT TITLE: Smart Farmer – IOT Enabled Smart Farming Application.

TEAM ID	PNT2022TMID48661
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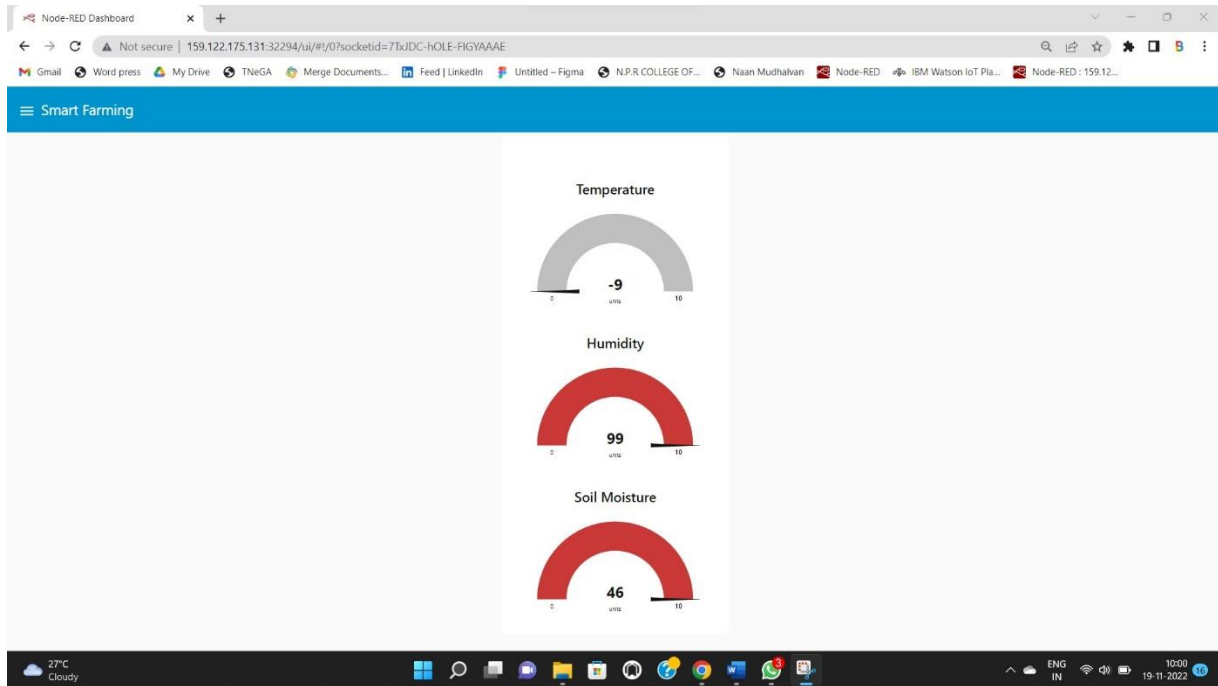
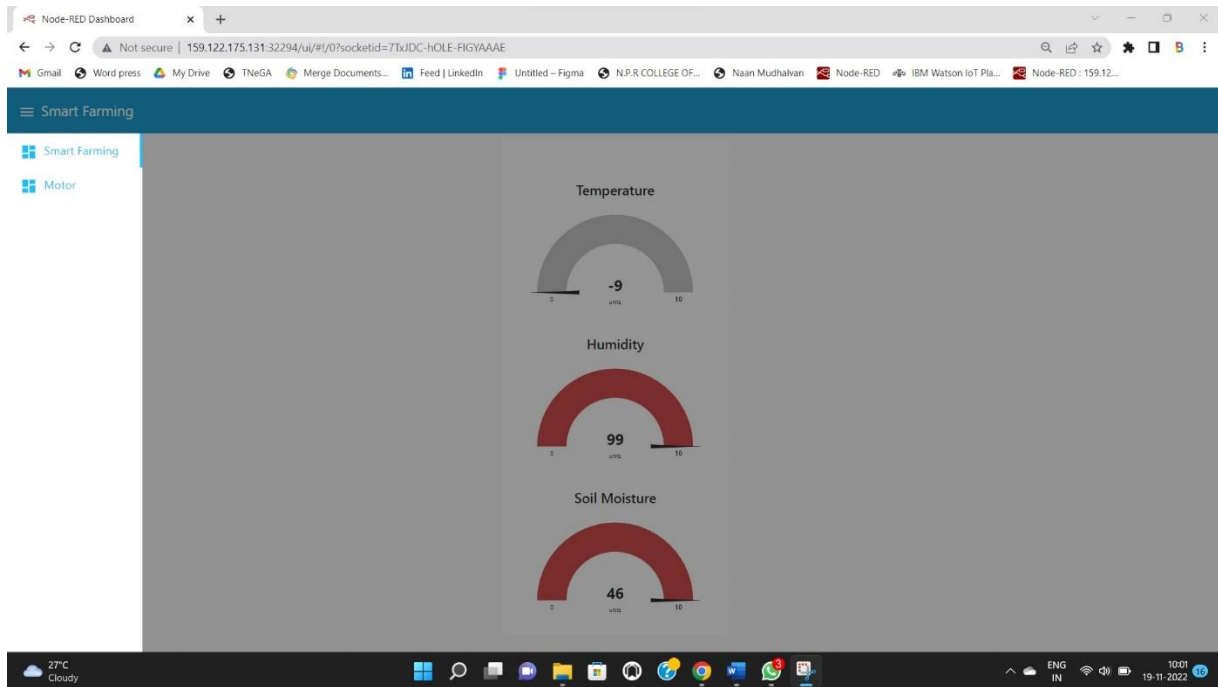
TEAM MEMBERS:

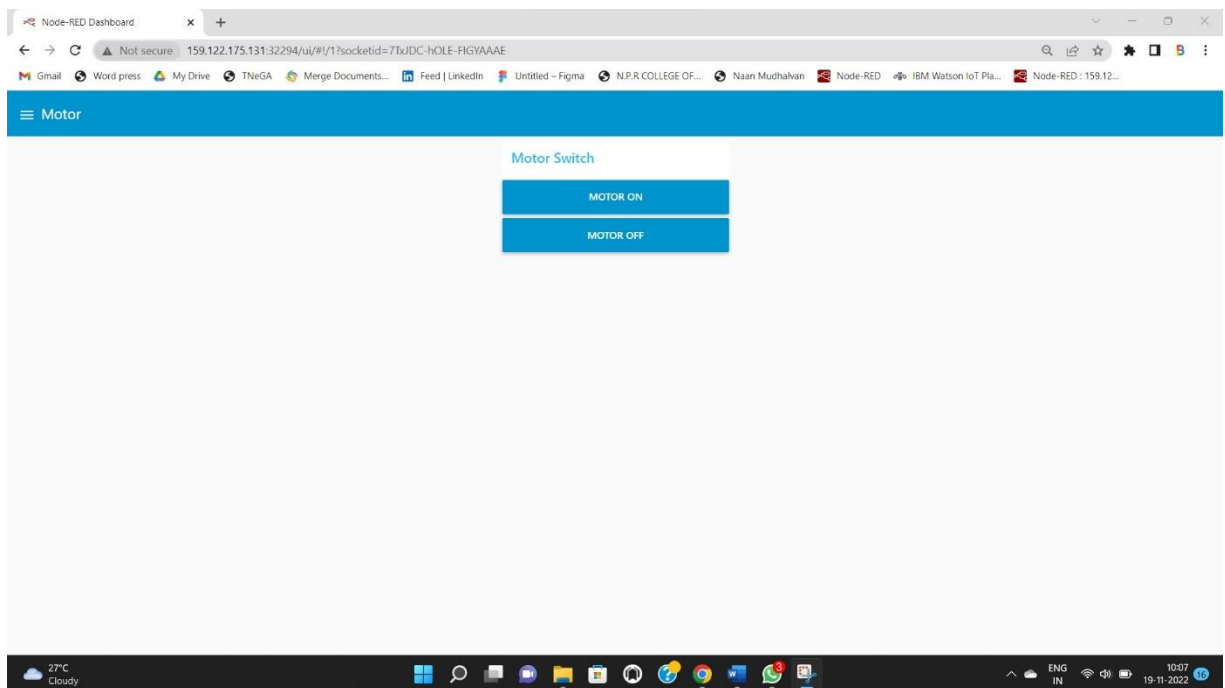
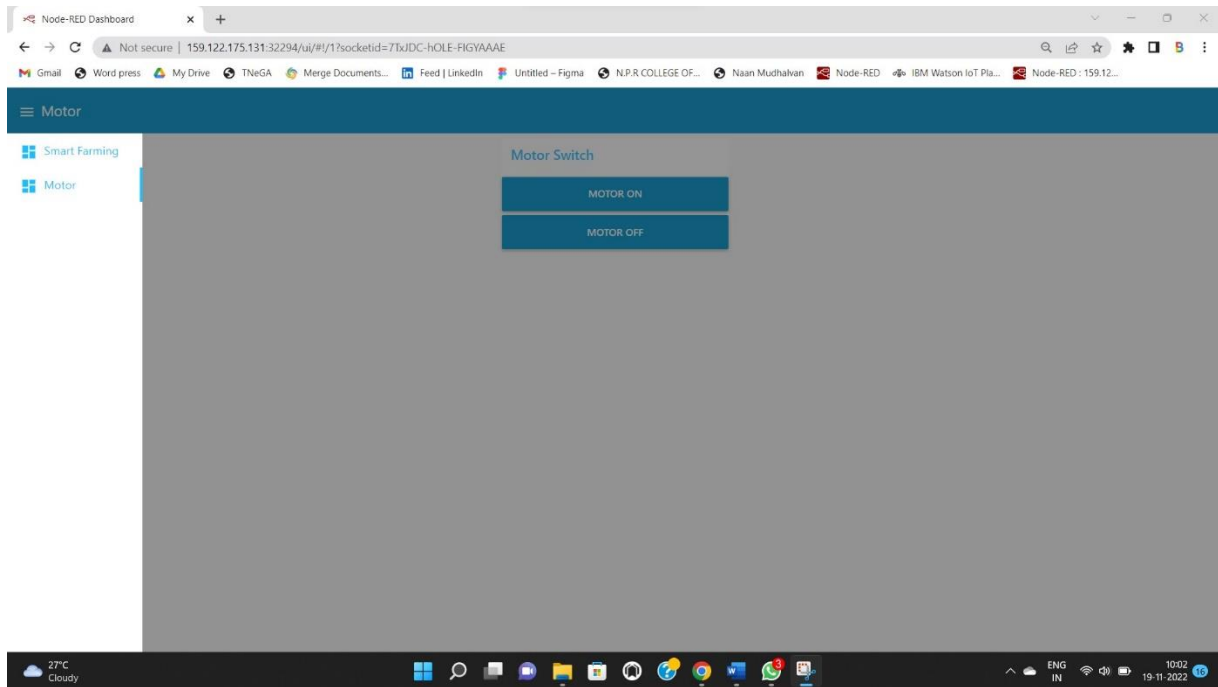
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Node-RED: 159.122.175.131

Not secure 159.122.175.131:32294/red/#flow/519dbab73fd153de

Node-RED

Flow 1

common

- inject
- debug
- complete
- catch
- status
- link in
- link call
- link out
- comment

function

- function
- switch
- change
- range
- template

Flow 1 diagram:

```
graph LR; inject[inject] --> SoilMoisture[Soil Moisture]; inject --> Humidity[Humidity]; inject --> Temperature[Temperature]; SoilMoisture --> SoilMoistureNode[Soil Moisture]; Humidity --> HumidityNode[Humidity]; Temperature --> TemperatureNode[Temperature]; SoilMoistureNode --> msgPayload[msg payload]; HumidityNode --> msgPayload; TemperatureNode --> msgPayload; msgPayload --> httpOut[http];
```

Flow 2 diagram:

```
graph LR; httpIn[http] --> data[data]; data --> MotorON[Motor ON]; data --> MotorOFF[Motor OFF]; data --> msgPayload2[msg payload]; MotorON --> msgPayload2; MotorOFF --> msgPayload2; msgPayload2 --> httpOut[http];
```

debug

11/19/2022, 10:02:38 AM node: 93651a219532e54
msg.payload: Object
{ command: "motoron" }

11/19/2022, 10:02:53 AM node: 93651a219532e54
msg.payload: Object
{ command: "motoroff" }

27°C Cloudy

10:05 19-11-2022

10:14 AM



Sign in your account



USERNAME

PASSWORD

LOG IN

03:04 10:18 AM



WEATHER



TEMPERATURE: -9



HUMIDITY: 99



SOIL MOISTURE: 46



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MOTOR ON

MOTOR OFF

EXIT