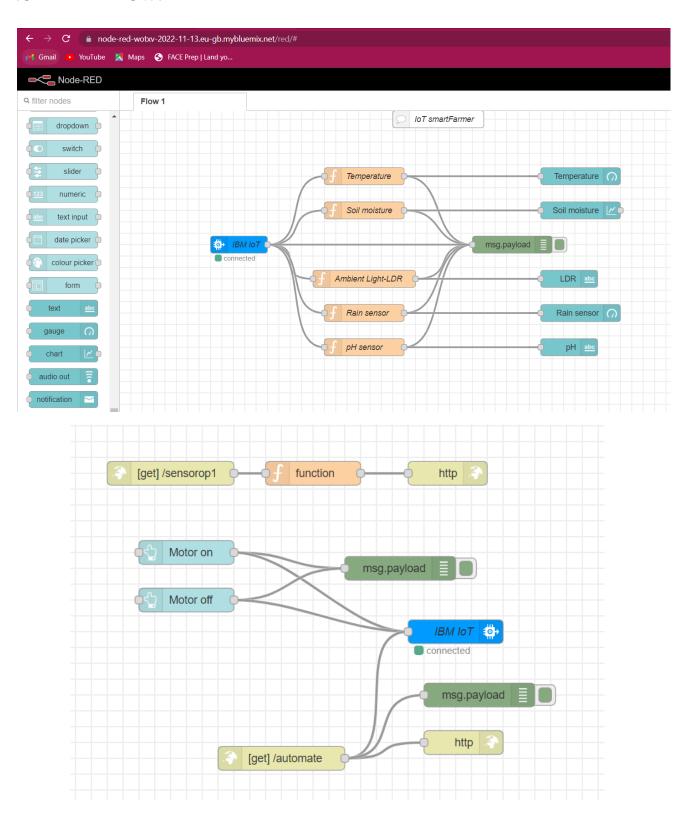
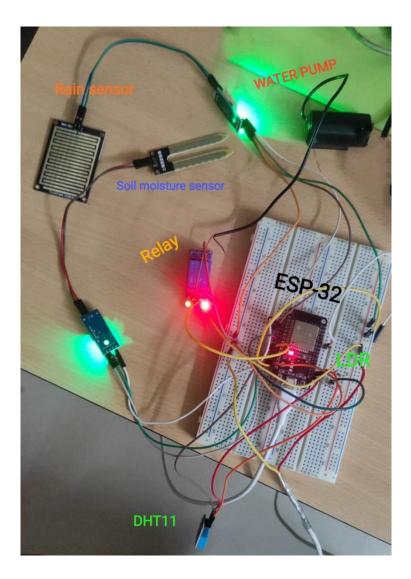
BUILD A WEB APPLICATION USING NODE-RED SERVICE

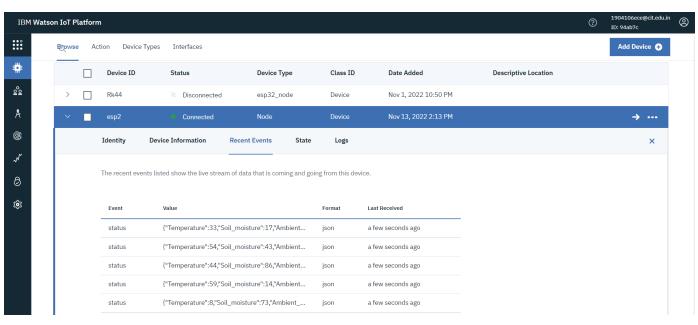
Team ID	PNT2022TMID52856
Project Name	SmartFarmer - IoT Enabled Smart Farming Application

NODE-RED FLOW:



HARDWARE & IBM IOT WATSON SETUP:

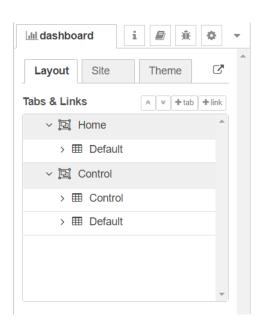




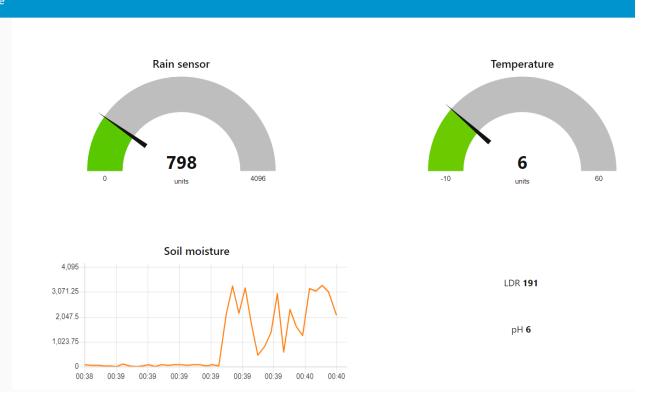
NODE-RED DEBUG OUTPUT:

```
₩ debug
                      ▼ all nodes ▼
11/18/2022, 12:33:52 AM node: f2f2649a.0d0d98
iot-2/type/Node/id/esp2/evt/status/fmt/json :
msg.payload : Object
 ▶ { Temperature: 44, Soil_moisture:
79, Ambient_Light_LDR: 914,
Rain_sensor: 328, pH_sensor: 6 }
11/18/2022, 12:33:52 AM node: f2f2649a.0d0d98
iot-2/type/Node/id/esp2/evt/status/fmt/json:
msg.payload: number
44
11/18/2022, 12:33:52 AM node: f2f2649a.0d0d98
iot-2/type/Node/id/esp2/evt/status/fmt/json:
msg.payload: number
11/18/2022, 12:33:52 AM node: f2f2649a.0d0d98
iot-2/type/Node/id/esp2/evt/status/fmt/json:
msg.payload : number
914
11/18/2022, 12:33:52 AM node: f2f2649a.0d0d98
iot-2/type/Node/id/esp2/evt/status/fmt/json:
msg.payload: number
328
11/18/2022, 12:33:52 AM node: f2f2649a.0d0d98
iot-2/type/Node/id/esp2/evt/status/fmt/json :
msg.payload: number
```

NODE-RED DASHBOARD UI:



≡ Home





← → C node-red-wotxv-2022-11-13.eu-gb.mybluemix.net/sensorop1

{"Temperature":44, "Soil_moisture":79, "Rain_sensor":328, "pH_sensor":6, "Ambient_Light_LDR":914}

← → C • node-red-wotxv-2022-11-13.eu-gb.mybluemix.net/automate?command=Motor_off

{"command": "Motor_off"}