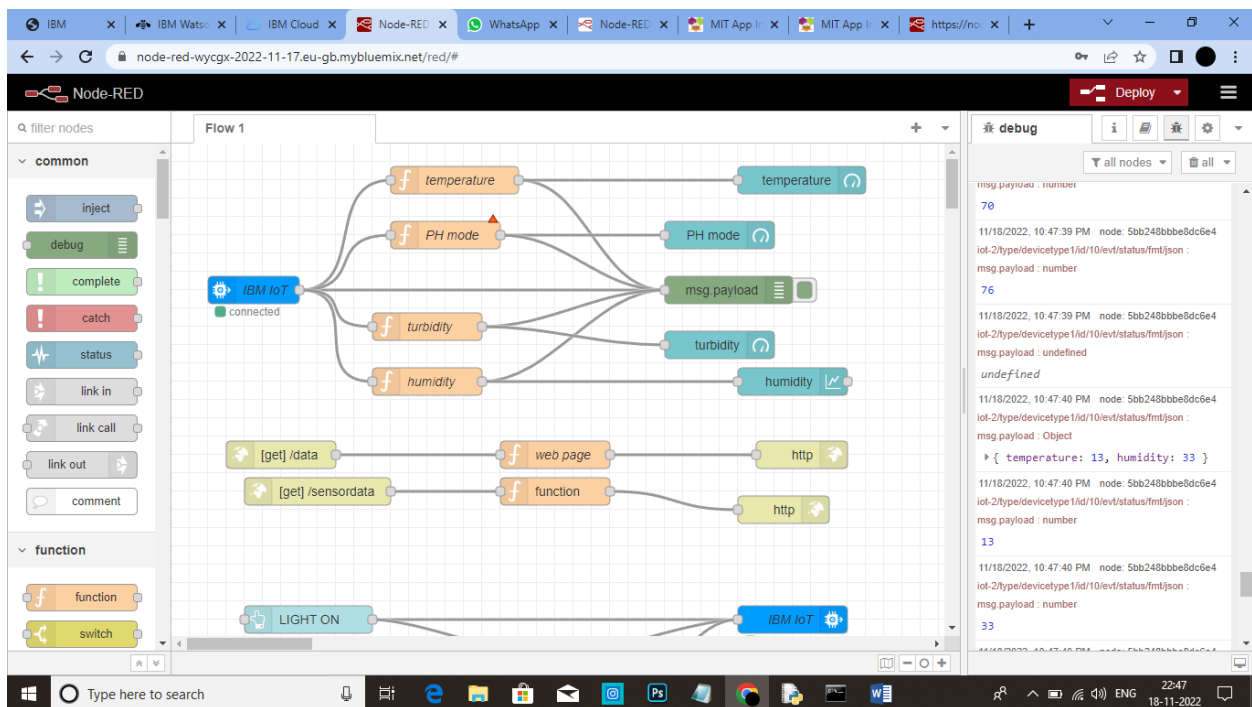


USE DASHBOARD NODES FOR CREATING UI

TEAM ID	PNT2022TMID26632
PROJECT NAME	REAL TIME RIVER WATER QUALITY MONITORING AND CONTROL SYSTEM



Node-RED interface showing a flow named "Flow 1". The flow includes nodes for [get] /data, [get] /sensordata, web page, function, http, LIGHT ON, LIGHT OFF, [get] /command, command, msg payload, and IBM IoT. The right sidebar shows a debug console with logs for IoT status and temperature/humidity data.

```
graph LR; GET1["[get] /data"] --> WP["web page"]; WP --> HTTP1["http"]; GET2["[get] /sensordata"] --> F1["function"]; F1 --> HTTP2["http"]; LIGHTON["LIGHT ON"] --> IOT["IBM IoT"]; LIGHTON --> MP["msg payload"]; LIGHTOFF["LIGHT OFF"] --> IOT; LIGHTOFF --> MP; GET3["[get] /command"] --> C["command"]; C --> IOT; C --> MP; IOT --> MP; MP --> HTTP3["http"];
```

Debug Console Logs:

- 11/18/2022, 10:48:01 PM node: 5bb248bbe8dc6e4 iot-2/type/deviceType1/d/10/ev/status/fmt/json : msg.payload : number 108
- 11/18/2022, 10:48:02 PM node: 5bb248bbe8dc6e4 iot-2/type/deviceType1/d/10/ev/status/fmt/json : msg.payload : number 87
- 11/18/2022, 10:48:03 PM node: 5bb248bbe8dc6e4 iot-2/type/deviceType1/d/10/ev/status/fmt/json : msg.payload : undefined undefined
- 11/18/2022, 10:48:04 PM node: 5bb248bbe8dc6e4 iot-2/type/deviceType1/d/10/ev/status/fmt/json : msg.payload : Object { temperature: 124, humidity: 58 }
- 11/18/2022, 10:48:05 PM node: 5bb248bbe8dc6e4 iot-2/type/deviceType1/d/10/ev/status/fmt/json : msg.payload : number 124
- 11/18/2022, 10:48:06 PM node: 5bb248bbe8dc6e4 iot-2/type/deviceType1/d/10/ev/status/fmt/json :

Web application interface titled "turbidity". It features a clock at the top showing 22:53:00 to 23:54:00. Below the clock are two buttons: "LIGHT ON" and "LIGHT OFF". Under these buttons is a "PH mode" section with a gauge showing a value of 01 (range 1 to 14). Below the PH mode is a "turbidity" section with a gauge showing a value of 1 (range 1 to 101).

PH mode

turbidity

turbidity

sensor data

temperature

83
celsius

humidity

100
75
50
25
0

22:52:00 23:22:00 23:53:00

LIGHT ON

LIGHT OFF