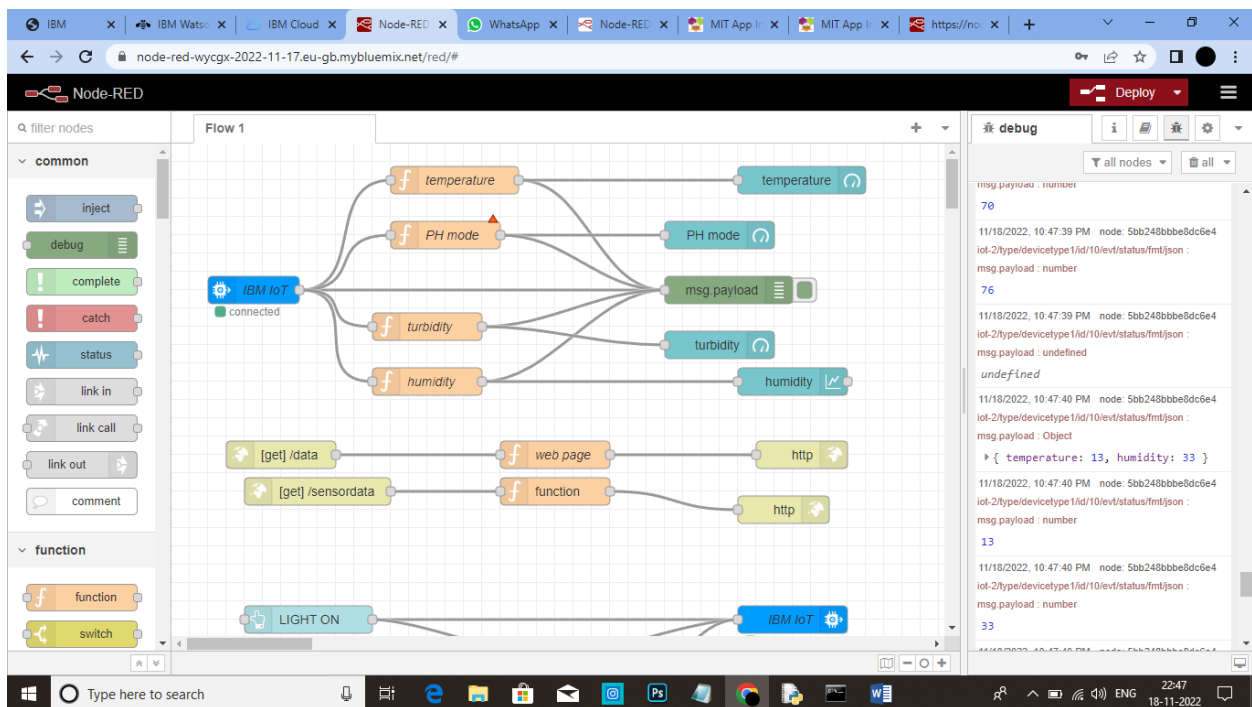
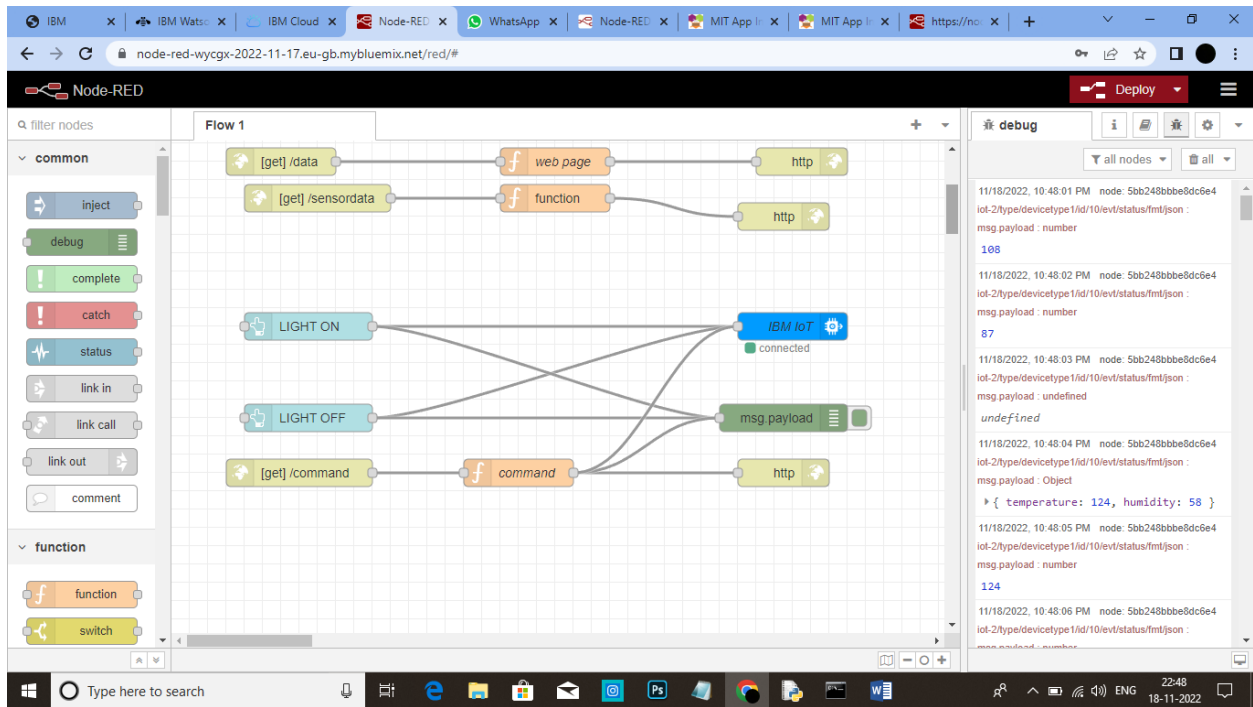


# USE DASHBOARD NODES FOR CREATING UI

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; C --> HTTP3["http"];
```

Debug Console Logs:

- 11/18/2022, 10:48:01 PM node: 5bb248bbe8dc6e4 iot-2/type/deviceType1/d/10/evl/status/fmt/json : msg.payload : number 108
- 11/18/2022, 10:48:02 PM node: 5bb248bbe8dc6e4 iot-2/type/deviceType1/d/10/evl/status/fmt/json : msg.payload : number 87
- 11/18/2022, 10:48:03 PM node: 5bb248bbe8dc6e4 iot-2/type/deviceType1/d/10/evl/status/fmt/json : msg.payload : undefined undefined
- 11/18/2022, 10:48:04 PM node: 5bb248bbe8dc6e4 iot-2/type/deviceType1/d/10/evl/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/evl/status/fmt/json : msg.payload : number 124
- 11/18/2022, 10:48:06 PM node: 5bb248bbe8dc6e4 iot-2/type/deviceType1/d/10/evl/status/fmt/json :

turbidity

22:53:00 23:23:00 23:54:00

LIGHT ON

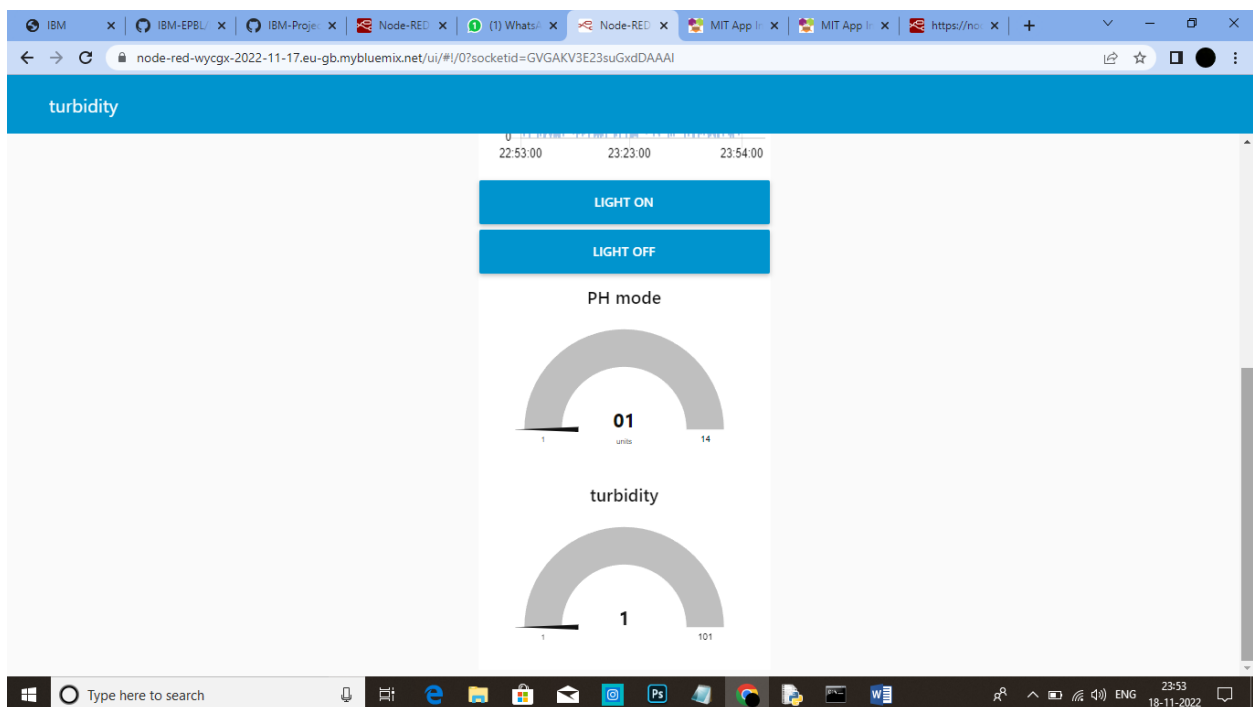
LIGHT OFF

PH mode

01 units 14

turbidity

1 101



The image shows a web interface for a turbidity monitoring system. It features a blue header with the title "turbidity". Below the header, there is a timeline showing three time points: 22:53:00, 23:23:00, and 23:54:00. Under the timeline, there are two blue buttons labeled "LIGHT ON" and "LIGHT OFF". Below these buttons, there is a section labeled "PH mode" which contains a semi-circular gauge. The gauge has a needle pointing to the value "01" on a scale from 1 to 14. Below the "PH mode" section, there is another section labeled "turbidity" which contains a similar semi-circular gauge. This gauge has a needle pointing to the value "1" on a scale from 1 to 101. The interface is displayed on a Windows desktop with various application icons in the taskbar.

IBM x IBM-EPBL x IBM-Proje x Node-RED x (1) Whats x Node-RED x MIT App x MIT App x https://no x

node-red-wycgx-2022-11-17.eu-gb.mybluemix.net/ui/#/l/0?socketid=GVGAKV3E23suGxdDAAAI

node-red-wycgx-2022-11-17.eu-gb.mybluemix.net/ui/#/l/0?socketid=GVGAKV3E23suGxdDAAAI

turbidity

sensor data

temperature

83

0100

centigrade

humidity

1007550250

22:52:0023:22:0023:53:00

LIGHT ON

LIGHT OFF

Type here to search

ENG23:5218-11-2022

1