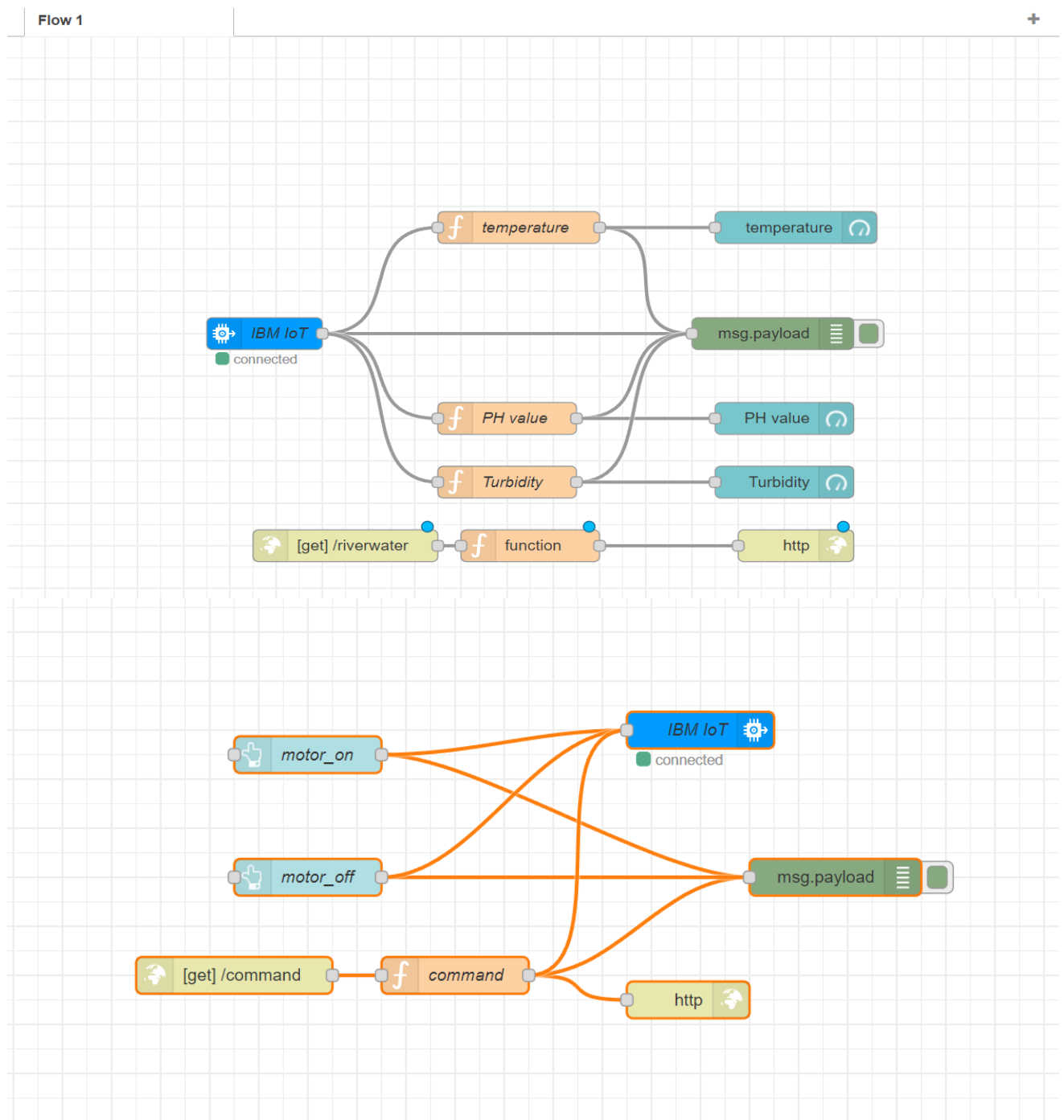


# HTTP REQUESTS TO COMMUNICATE WITH MOBILE APP:

Date	03 November 2022
Team ID	PNT2022TMID43374
Project Name	River Water Quality Monitoring and Control System

## NODE RED HOME:



# IBM IOT NODE:

Node-RED

filter nodes

Flow 1

websocket out

tcp in

tcp out

tcp request

udp in

udp out

input

ibmiot in

output

OpenWhisk

ibmiot out

sequence

split

join

ibmiot

connected

tempera

PH value

Turbidity

[get] /riverwater

func

Delete

Cancel

Done

Properties

Authentication

API Key

Input Type

Device Type

Device Id

Event

Format

QoS

Name

Service

Use the Input Type property to configure this node to receive Events sent by IoT Devices, Commands sent to IoT Devices, Status Messages referring to IoT Devices, or Status Messages referring to

Enabled

# HTTP NODE:

Flow 1

ibmiot

connected

tempera

PH value

Turbidity

[get] /riverwater

func

Delete

Cancel

Done

Properties

Method

URL

Name

Enabled

Node-RED

filter nodes

Flow 1

websocket out

tcp in

tcp out

tcp request

udp in

udp out

input

ibmiot in

output

OpenWhisk

ibmiot out

sequence

split

join

IBM IoT

connected

[get] /riverwater

Edit function node

Delete

Cancel

Done

Properties

Name

Setup

On Start

On Message

On Stop

```
1 msg.payload={ 'Temperature':global.get("Temperature"), 'pH':global.get('pH') }
2 return msg;
```

Enabled

Node-RED

filter nodes

Flow 1

websocket out

tcp in

tcp out

tcp request

udp in

udp out

input

ibmiot in

output

OpenWhisk

ibmiot out

sequence

split

join

motor\_on

motor\_off

[get] /command

command

Edit http in node

Delete

Cancel

Done

Properties

Method

GET

URL

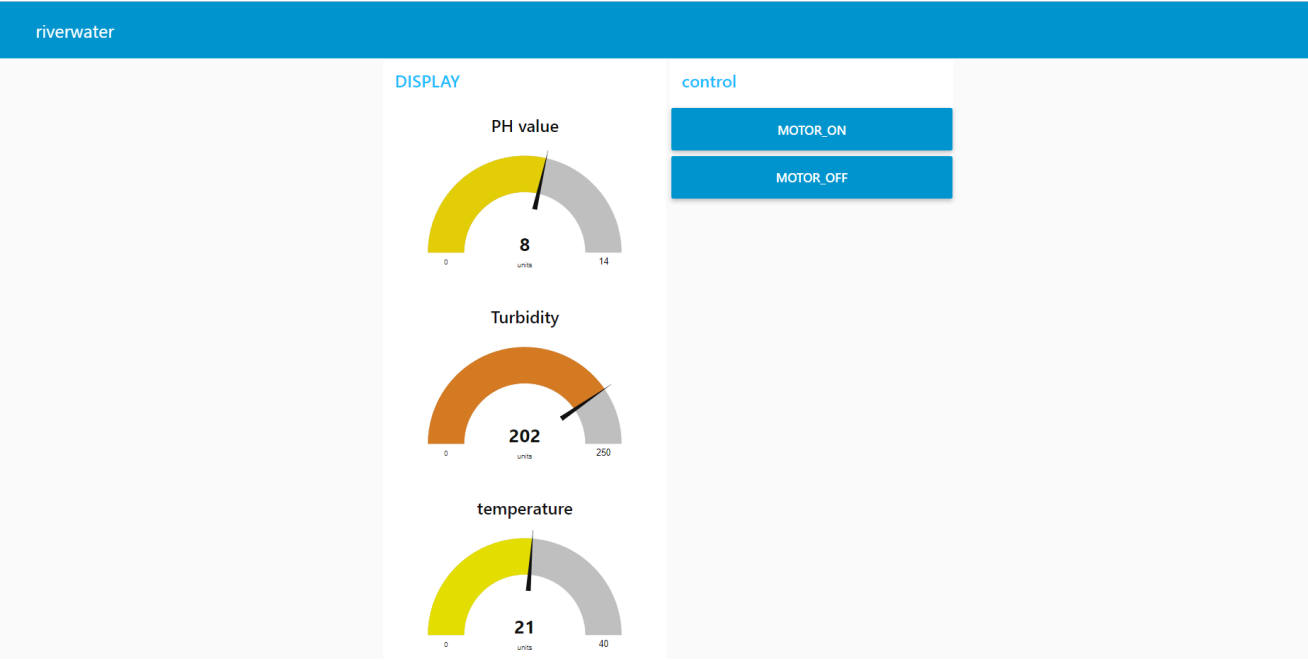
/command

Name

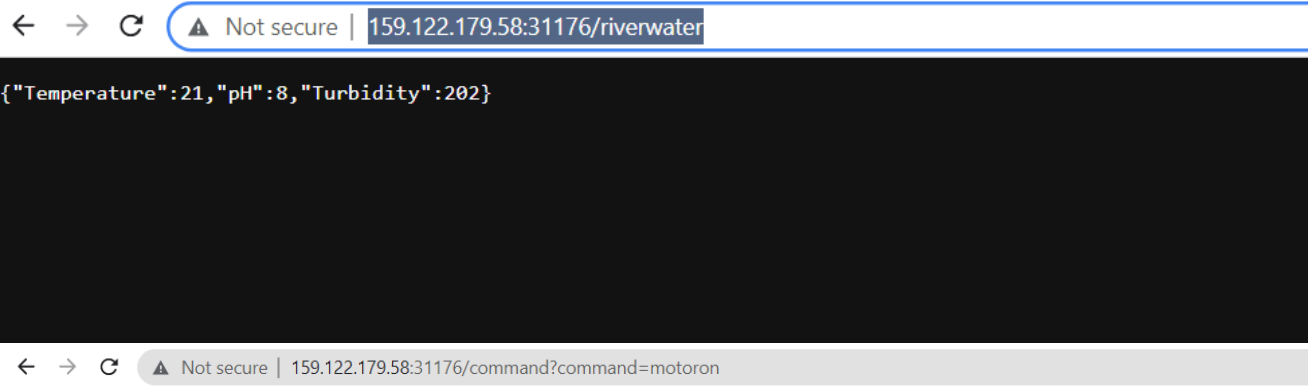
Name

Enabled

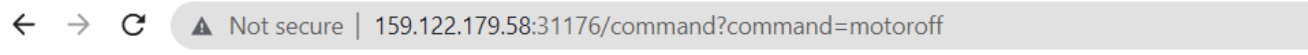
# DASHBOARD:



## WEB PAGE



motoron



motoroff