

Design Your UI To Display The Water Turbidity, PH Values

Team ID	PNT2022TMID33019
Project Name	Real-Time River Water Quality Monitoring and Control System
Maximum Marks	4 Marks

In this document, we have attached the screenshots of designing our UI to display the Water Turbidity and PH Values.

Node-RED

Deploy

filter nodes

Flow 2

Flow 3

mqtt in

mqtt out

http in

http response

http request

websocket in

websocket out

tcp in

tcp out

tcp request

udp in

udp out

input

ibmiot in

output

IBM IoT

connected

msg payload

ph value

turbidity

Light off

Light off

mit app

msg payload

ph value

Turbidity

IBM IoT

connected

msg payload

http

debug

current flow

all

17/11/2022, 8:01:50 pm node: b9291bf6569ebfd8
iot-2/type/rasperry/d/ras123/evt/status/fmt/json
msg.payload: number
678

17/11/2022, 8:01:57 pm node: b9291bf6569ebfd8
iot-2/type/rasperry/d/ras123/evt/status/fmt/json
msg.payload: Object
{ phvalue: 9, turbidity: 228 }

17/11/2022, 8:01:57 pm node: b9291bf6569ebfd8
iot-2/type/rasperry/d/ras123/evt/status/fmt/json
msg.payload: number
9

17/11/2022, 8:01:57 pm node: b9291bf6569ebfd8
iot-2/type/rasperry/d/ras123/evt/status/fmt/json
msg.payload: number
228

17/11/2022, 8:02:04 pm node: b9291bf6569ebfd8
iot-2/type/rasperry/d/ras123/evt/status/fmt/json
msg.payload: Object
{ phvalue: 13, turbidity: 640 }

17/11/2022, 8:02:04 pm node: b9291bf6569ebfd8
iot-2/type/rasperry/d/ras123/evt/status/fmt/json
msg.payload: number
13

17/11/2022, 8:02:04 pm node: b9291bf6569ebfd8
iot-2/type/rasperry/d/ras123/evt/status/fmt/json
msg.payload: number
640

Real Time River Water Quality Monitoring System

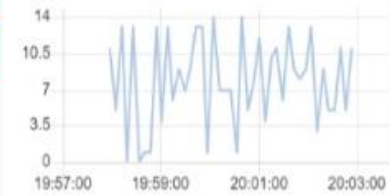
Smart Switch Board

LIGHT ON

LIGHT OFF

Water Quality Monitoring System

ph value



Turbidity

