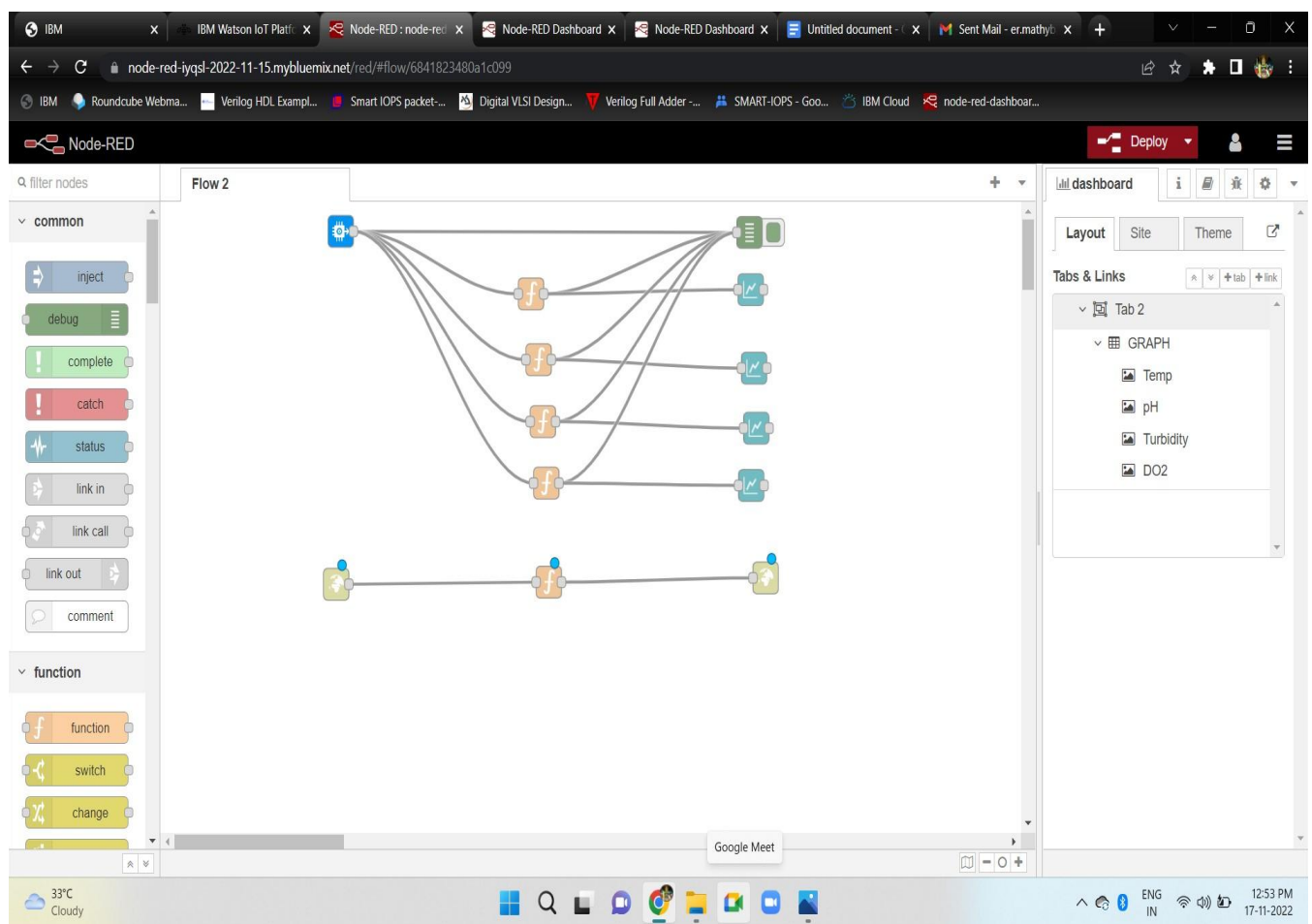


# Real Time River Water Quality Monitoring and Control System

**Team ID : PNT2022TMID33851**

## Develop A Web Application Using Node-RED Service.

### Step 1: Develop The Web Application Using Node-RED



## Step 2: Use Dashboard Nodes For Creating UI(Web App)

IBM Watson IoT Platform

Browse Action Device Types Interfaces

Add Device

### Browse Devices

All Devices Diagnose

This table shows a summary of all devices that have been added. It can be filtered, organized, and searched on using different criteria. To get started, you can add devices by using the Add Device button, or by using API.

Search by Device ID

Device Simulator

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
1234	Disconnected	Arduino	Device	15 Nov 2022 12:23	
ibm_1	Connected	ibm	Device	17 Nov 2022 09:52	

Items per page 50 | 1-2 of 2 items

1 of 1 page

1 Simulation running

IBM Watson IoT Platform

### RIVER WATER

Line chart

12:49 12:50 12:51 12:52 12:53

Device Type: ibm

Events 4

New event type

Event type name Turbidity Send

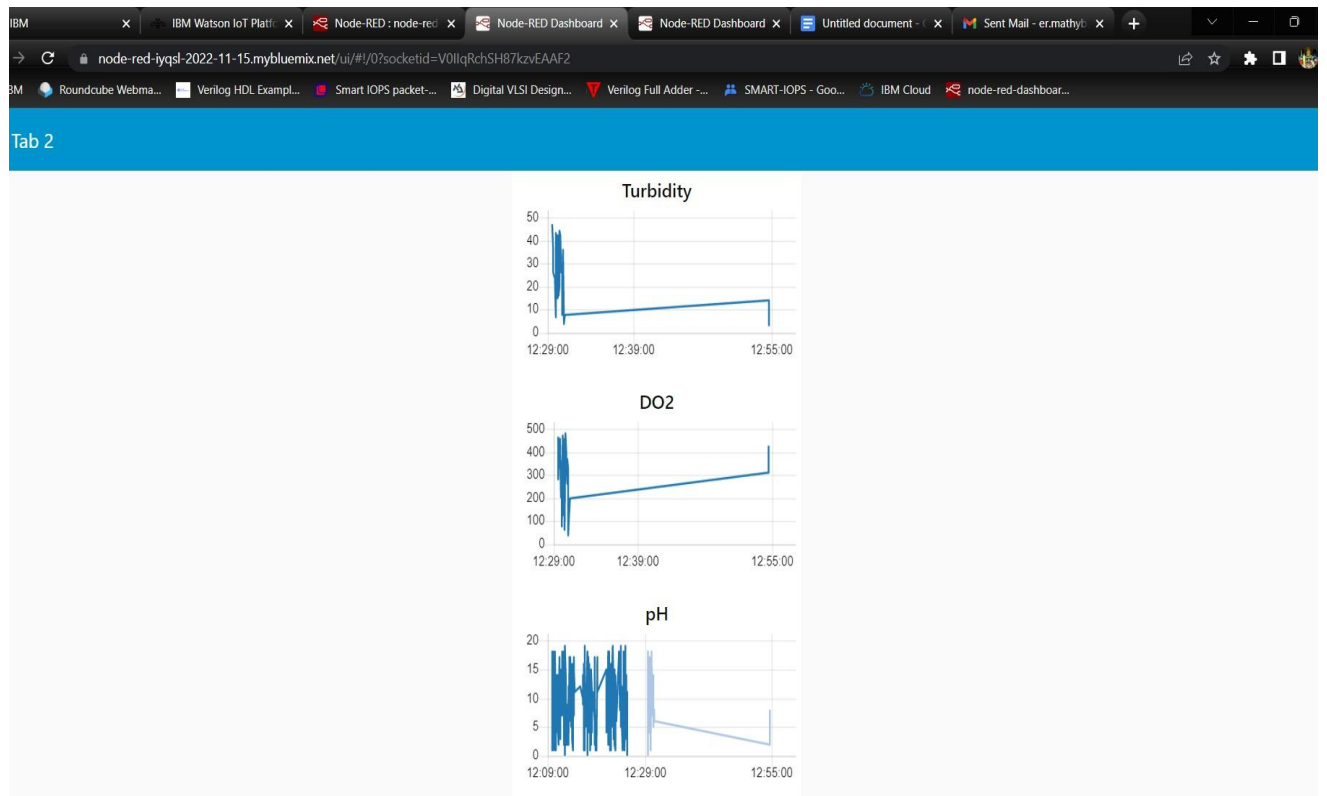
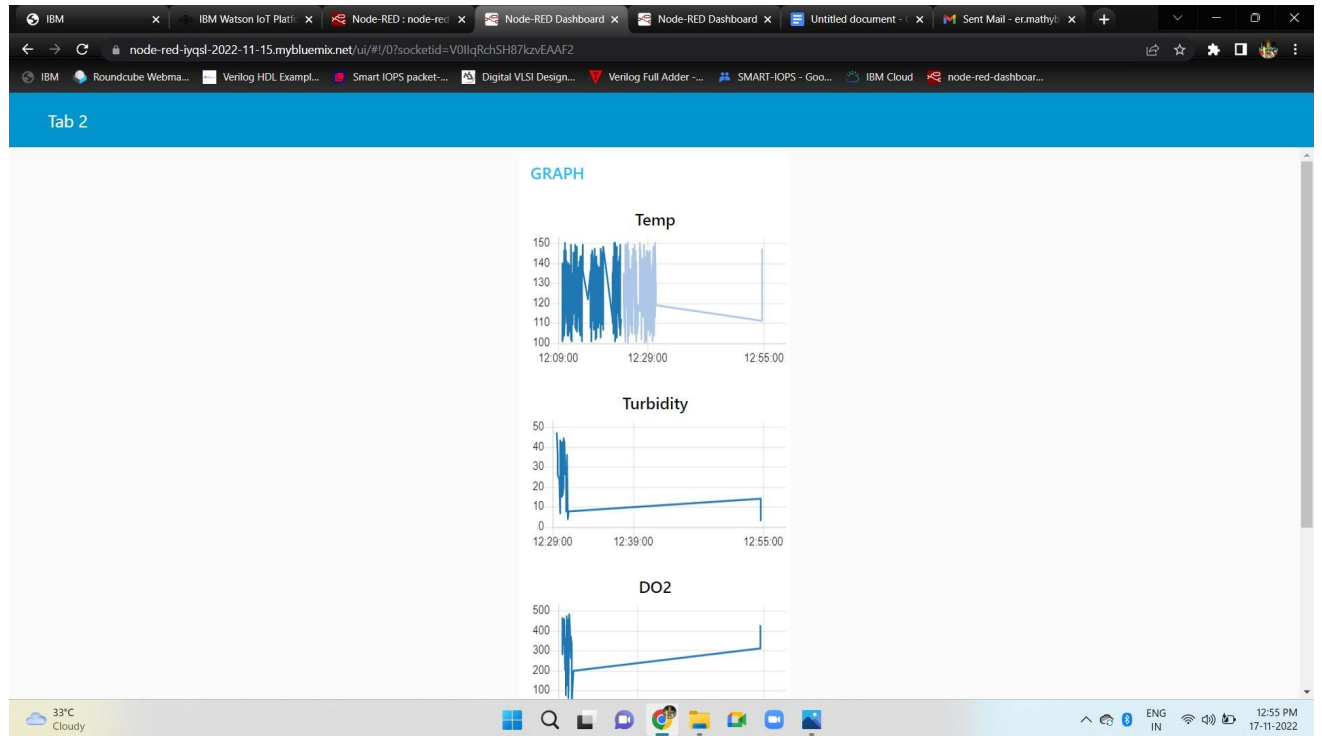
Event type name DO2 Send

Event type name pH Send

Event type name Temp Send

Cancel Save

# Output



### Step 3: Create An HTTP Requests To Communicate With Mobile App

