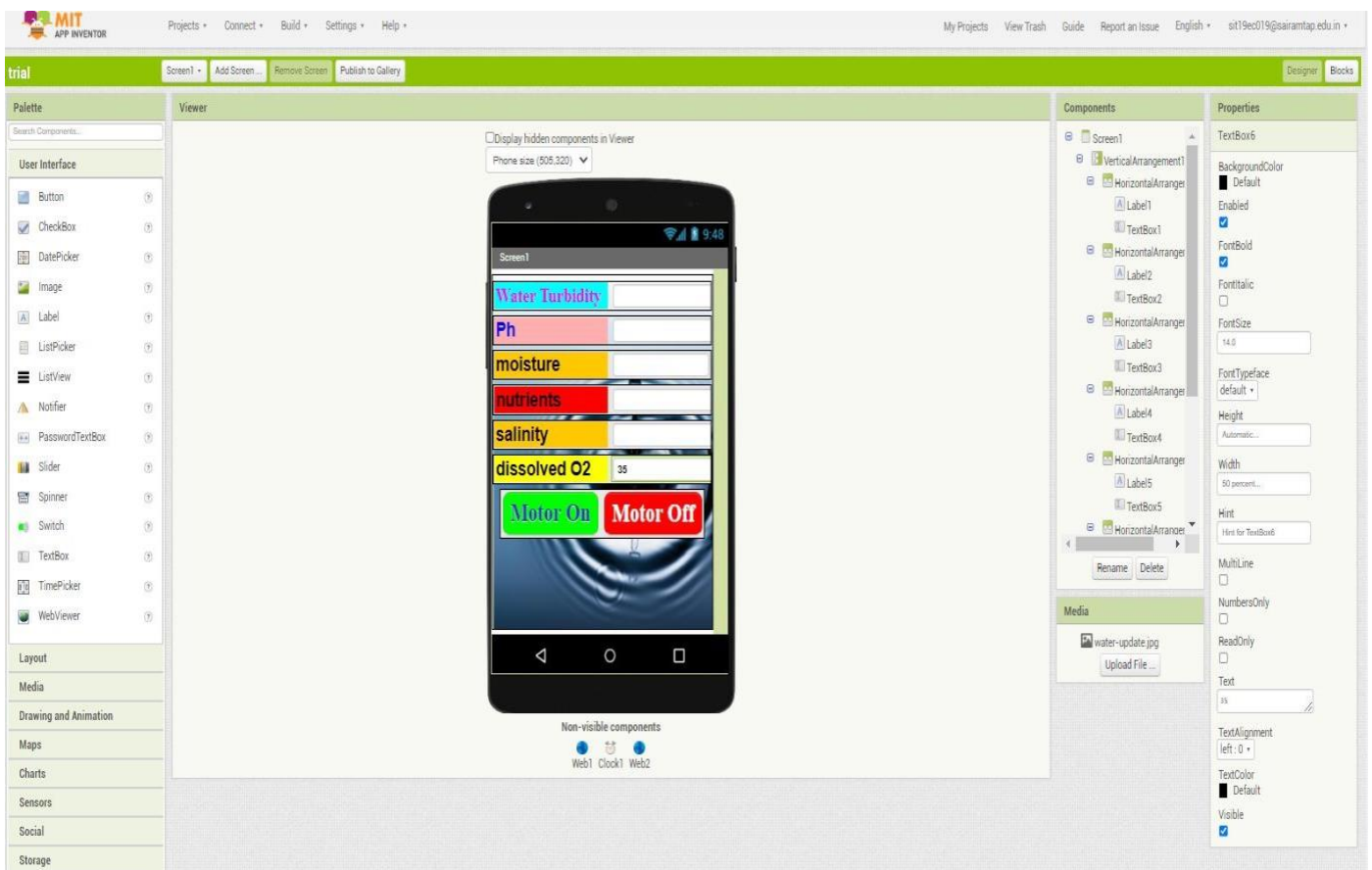# SPRINT 3
TEAM ID: PNT2022TMID42971

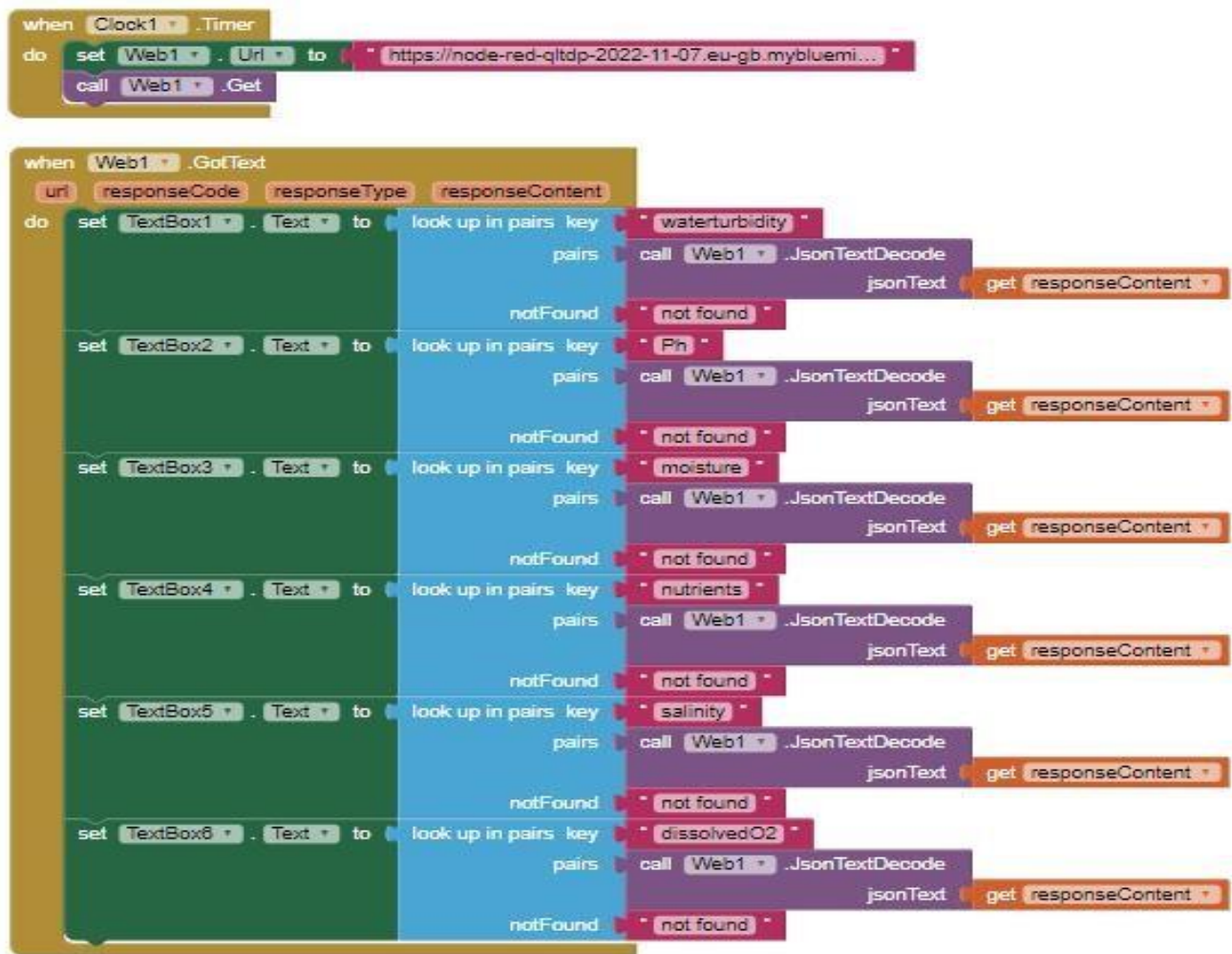## REAL TIME RIVER QUALITY MONITORING AND CONTROL SYSTEM

DESIGN AN APP IN MIT APP INVENTOR

PARAMETERS ARE:

1. Ph
2. Water turbidity
3. Moisture
4. Salinity
5. Dissolved Oxygen
6. Nutrients

FRAME THE BLOCKS FOR FUNCTIONING

FORBUTTONS

when Button1 .Click
do set Web2 . Url to " https://node-red-qltdp-2022-11-07.eu-gb.mybluemi... "
    call Web2 .Get

when Button2 .Click
do set Web2 . Url to " https://node-red-qltdp-2022-11-07.eu-gb.mybluemi... "
    call Web2 .Get

https://node-red-qltdp-2022-11-07.eu-gb.mybluemix.net/data

{"Ph":6,"waterturbidity":78,"moisture":73,"nutrients":10,"salinity":38,"dissolvedO2":50}

Device Type: abcd

Events 1

New event type ⊕

˅ Event type name   event_1   Send 🗑
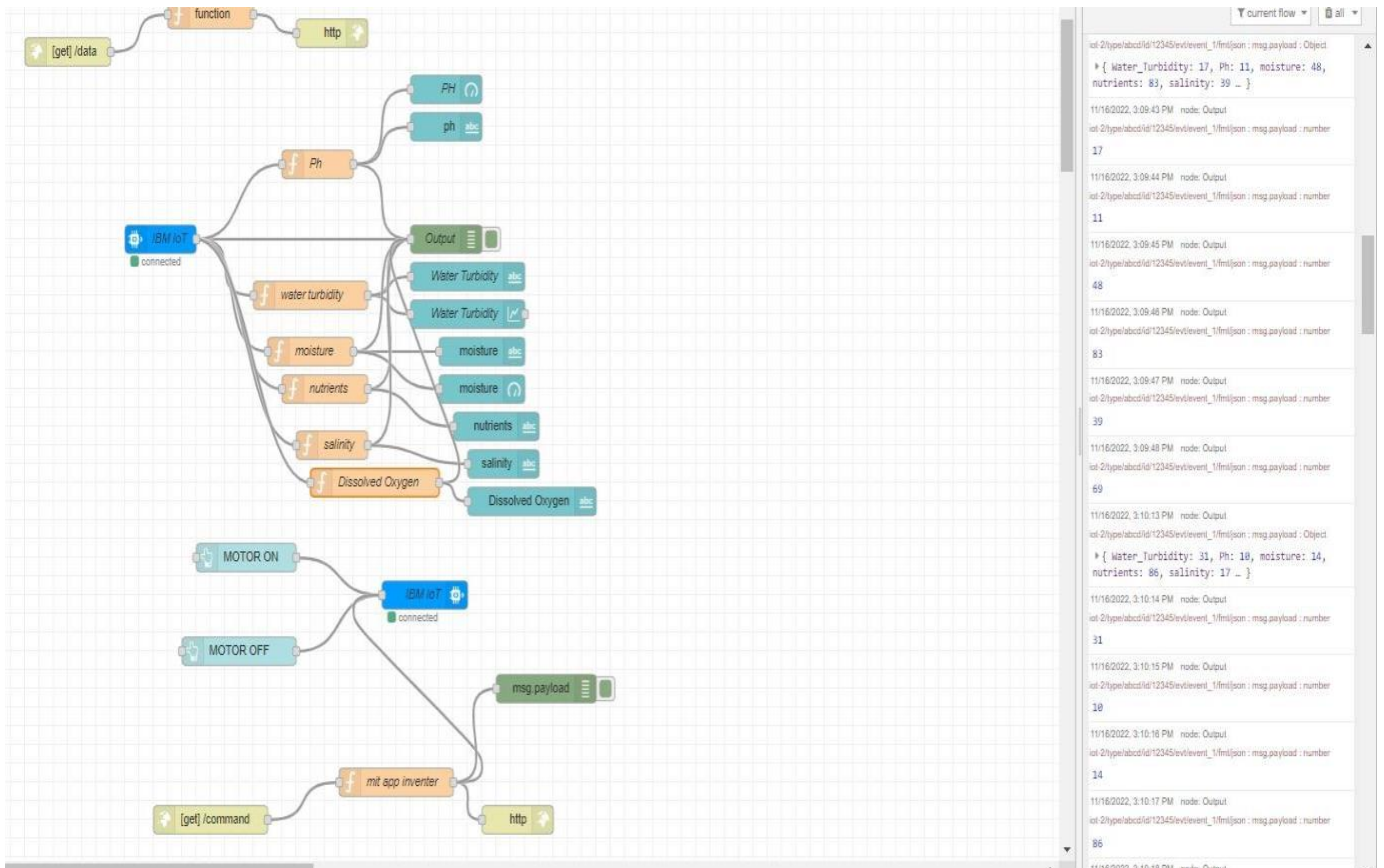
Schedule

2   Every Minute   ▼

Payload

Specify the event payload in the editor window or by uploading a CSV file.

```
0  {
1     "Water_Turbidity": random(15,100),
2     "Ph": random(0, 14),
3     "moisture": random(0, 80),
4     "nutrients":random(0,100),
5     "salinity":random(0,100),
6     "dissolvedO2":random(0,100)
7  }
```

Cancel   Save

APP IN MOBILE