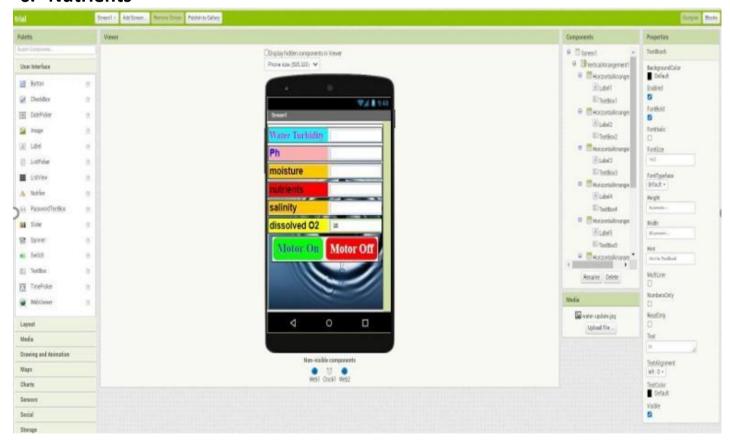
TEAM ID: PNT2022TMID11080

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

```
when Clock1 Timer

do set Web1 Lul to to https://node-red-qitdp-2022-11-07.eu-gb.mybluemi...
   call Web1 Get
when Web1 GotText
jsonText get responseContent v
    notFound not found set TextBox2 . Text to look up in pairs key Ph
                                       pairs call Web1 JsonTextDecode
                                                              jsonText get responseContent =
    notFound not found not found set TextBox3 10 . Texts to b look up in pairs key moisture ...
                                        pairs call (Web) JsonTextDecode
                                                              jsonText get responseContent
                                     notFound not found
    set TextBox4 . Text to look up in pairs key inutrients
                                        pairs call Web150 .JsonTextDecode
                                                                jsonText get responseContent
    notFound not found set TextBox5 . Texts to look up in pairs key to salinity
                                        pairs call (Web1147) .JsonTextDecode
                                                               jsonText get responseContent
                                     notFound not found
    set TextBox8 . Text to look up in pairs key dissolvedO2
                                        pairs call Web ... JsonTextDecode
                                                                jsonText get responseContent
                                     notFound not found
```

FOR BUTTONS

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

when Button2 . Click
do set Web2 . Un 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

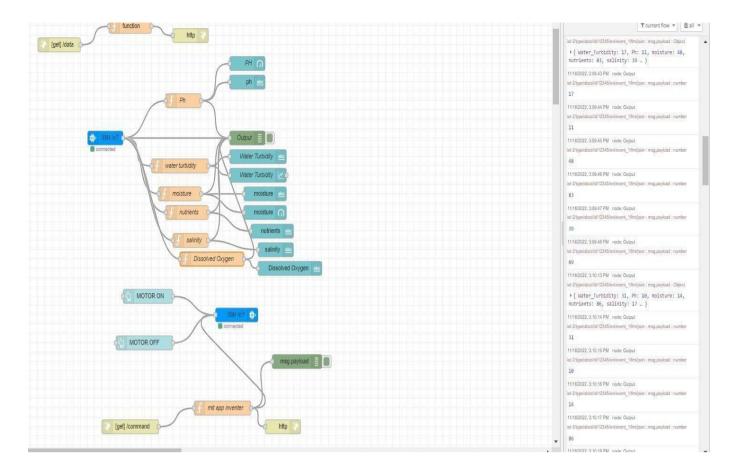
{"Ph":6, "waterturbidity":78, "moisture":73, "nutrients":10, "salinity":38, "dissolved02":50}

4 Device Type: abcd



1 "kater Turbld1ty":
2 -eh-:
4 "nutrients"
S "sa1ln1ty"
6 -disso1vedo2-

Cancel



APP IN MOBILE

