SPRINT 3

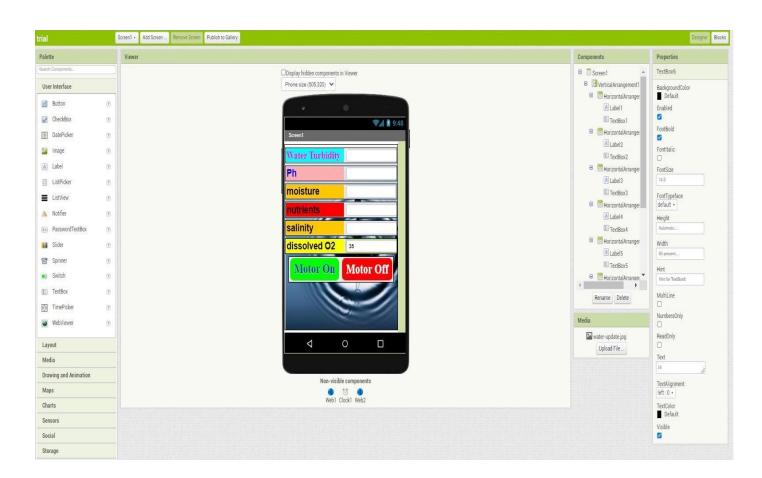
TEAM ID: PNT2022TMID14081

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 . Url to https://node-red-gltdp-2022-11-07.eu-gb.mybluemi...
   call Web1 .Get
when Web1 GotText
when Web1 1 Cottlex.

un responseCode responseType responseContent

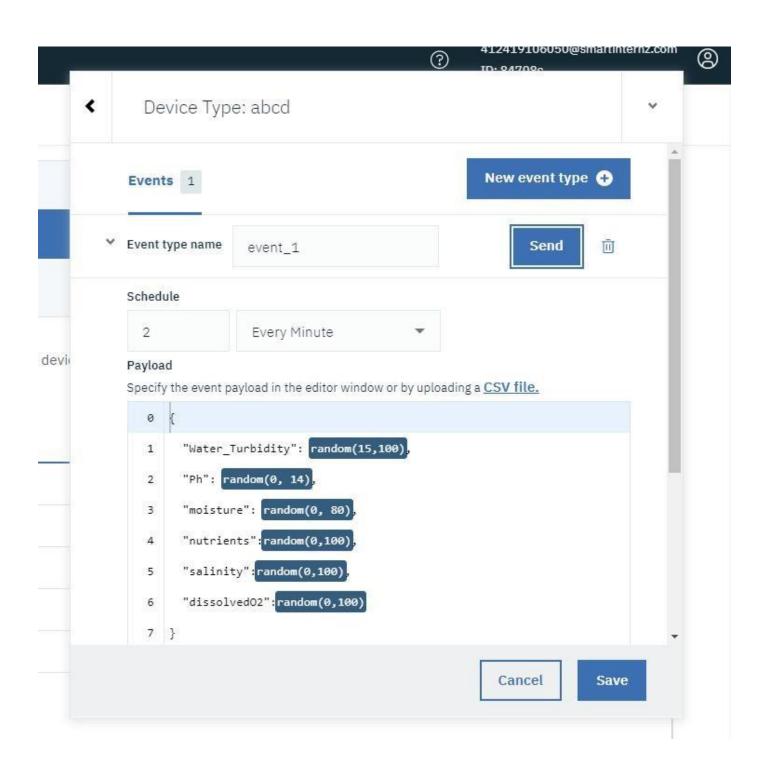
do set extBox1 - Text to look up in pairs key waterturb dity pairs call Web1 - JsonTextDecode
                                                                    jsonText ( get responseContent)
                                         notFound not found
    set TextBox2 . Text to look up in pairs key Ph
                                           pairs call Web1 JsonTextDecode
                                                                    jsonText get responseContent
    notFound not found set TextBox3 . Text to look up in pairs key mosture
                                            pairs call (Web111) .JsonTextDecode
                                                                     jsonText get responseContent
                                        notFound not found
    set TextBox4 . Text to look up in pairs key in nutrients
                                            pairs call Web1 JsonTextDecode
                                                                      jsonText get responseContent
    notFound not found set (Text 20) to ( look up in pairs, key ( salinity)
                                           pairs call (Web1167) .JsonTextDecode
                                                                      jsonText get responseContent
                                        notFound not found
    set TextBox8 . Text to look up in pairs key dissolvedO2
                                            pairs call Web1 JsonTextDecode
                                                                    jsonText get responseContent
                                         notFound not found
```

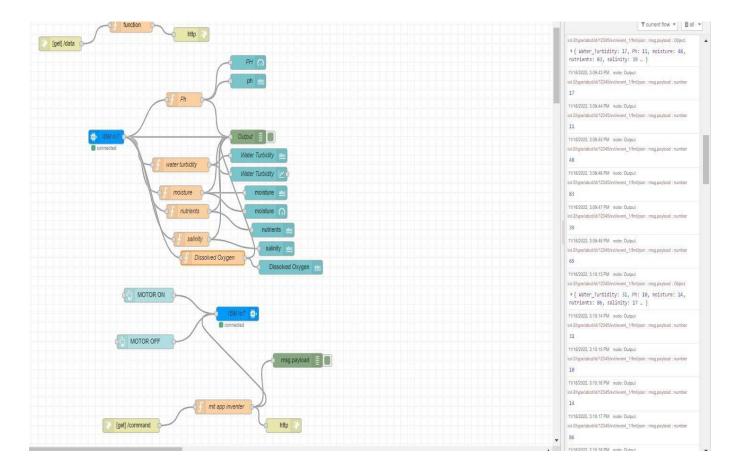
FOR BUTTONS

```
when Button1 Click
do set Web2 Get white to https://node-red-qltdp-2022-11-07.eu-gb.mybluemi... "
call Web2 Get when Button2 Click
do set Web2 Get https://node-red-qltdp-2022-11-07.eu-gb.mybluemi... "
call Web2 Get web2 Get https://node-red-qltdp-2022-11-07.eu-gb.mybluemi... "
```

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

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





APP IN MOBILE

