PROJECT DEVELOPMENT PHASE PROJECT DEVELOPMENT (SPRINT-3)

Team ID: PNT2022TMID07790

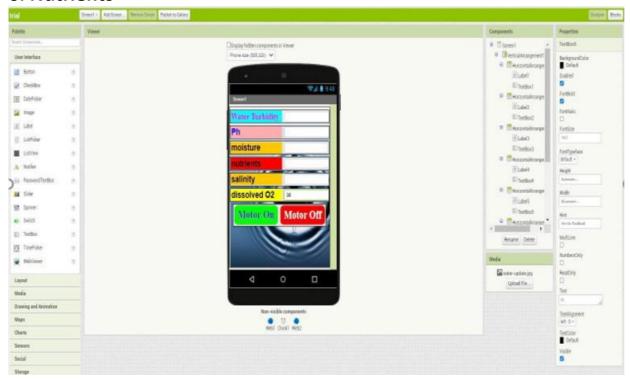
Project Name Project: Real Time River Water Monitoring

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

```
n Clock1 * Timer
                 set Web1 . Un to https://node-red-qltdp-2022-11-07.eu-gb.mybluemi...
                     call Web1 .Get
     then Web1 GotText
uri responseCode responseType responseContent
do set TextBox1 . Text to look up in pairs key waterturb dity pairs call Web1 . JsonTextDecode
                                                                                                                                                                                                                                                                                                                                                                                                                                                         get responseContent *
                                                                                                                                                                                                                                notFound not found
                     set TextBox2 • . Text • to l look up in pairs key • Ph
                                                                                                                                                                                                                                               pairs call Web1 JsonTextDecode
                                                                                                                                                                                                                                                                                                                                                                                                   jsonText get responseContent
                      notFound not found set (TextBox3 1) . Text 10 to 8 look up in pairs key 10 moisture 10 moi
                                                                                                                                                                                                                                                pairs call (Web1111) .JsonTextDecode
                                                                                                                                                                                                                                                                                                                                                                                                                                                    get responseContent
                    notFound not found set TextBox4 . Text to look up in pairs key nutrients pairs call Web1 .JsonTextDecode
                                                                                                                                                                                                                                                                                                                                                                                                     jsonText get responseContent
                                                                                                                                                                                                                              notFound not found
                      set (TextBoX5 ) . (Text ) to ( look up in pairs key ( salinity)
                                                                                                                                                                                                                                                  pairs call (Web147) .JsonTextDecode
                                                                                                                                                                                                                                                                                                                                                                                                     jsonText get responseContent
                     notFound not found not fou
                                                                                                                                                                                                                                                pairs call Web1 JsonTextDecode
                                                                                                                                                                                                                                                                                                                                                                                                     jsonText get responseContent
                                                                                                                                                                                                                                notFound not found
```

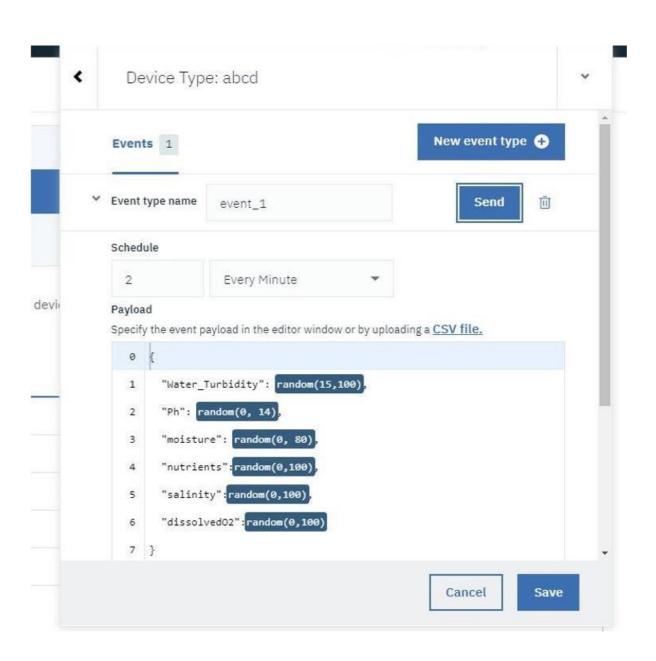
FOR BUTTONS

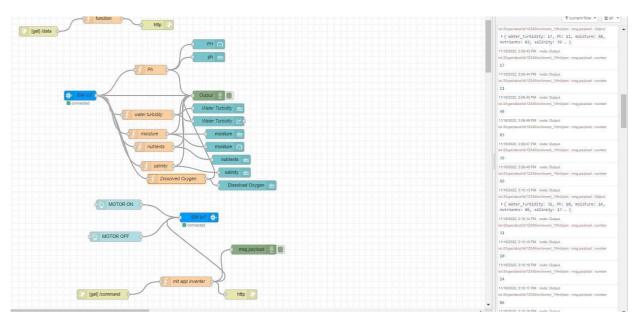
```
when Button1 Click
do set Web2 Get "https://node-red-qltdp-2022-11-07.eu-gb.mybluemi..."
```

```
when Button2 Click
do set Web2 . Un to https://node-red-qitdp-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}





APP IN MOBILE

