

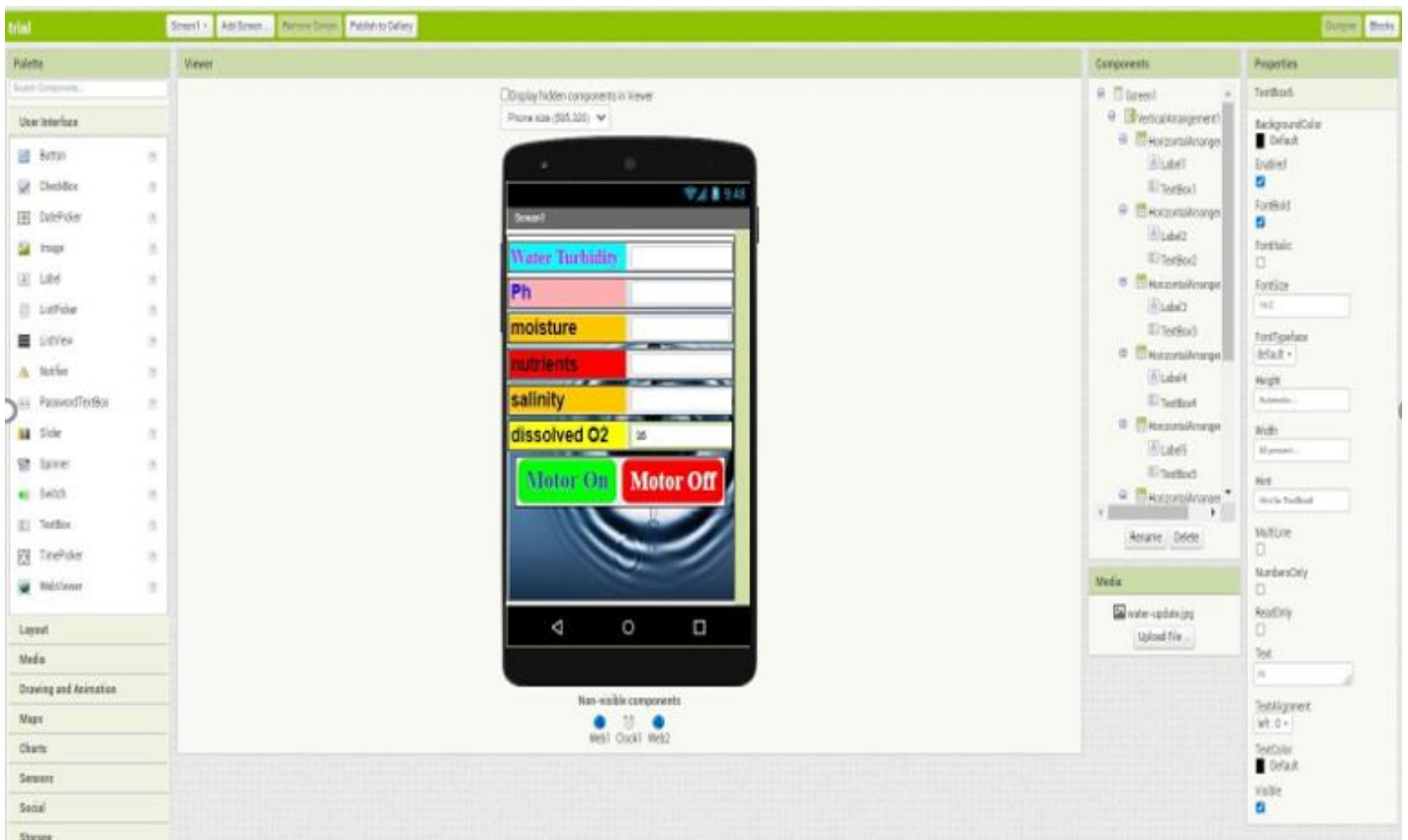
**SPRINT 3**  
**TEAM ID: PNT2022TMID11075**

**REAL TIME RIVER QUALITY MONITORING AND CONTROL SYSTEM**

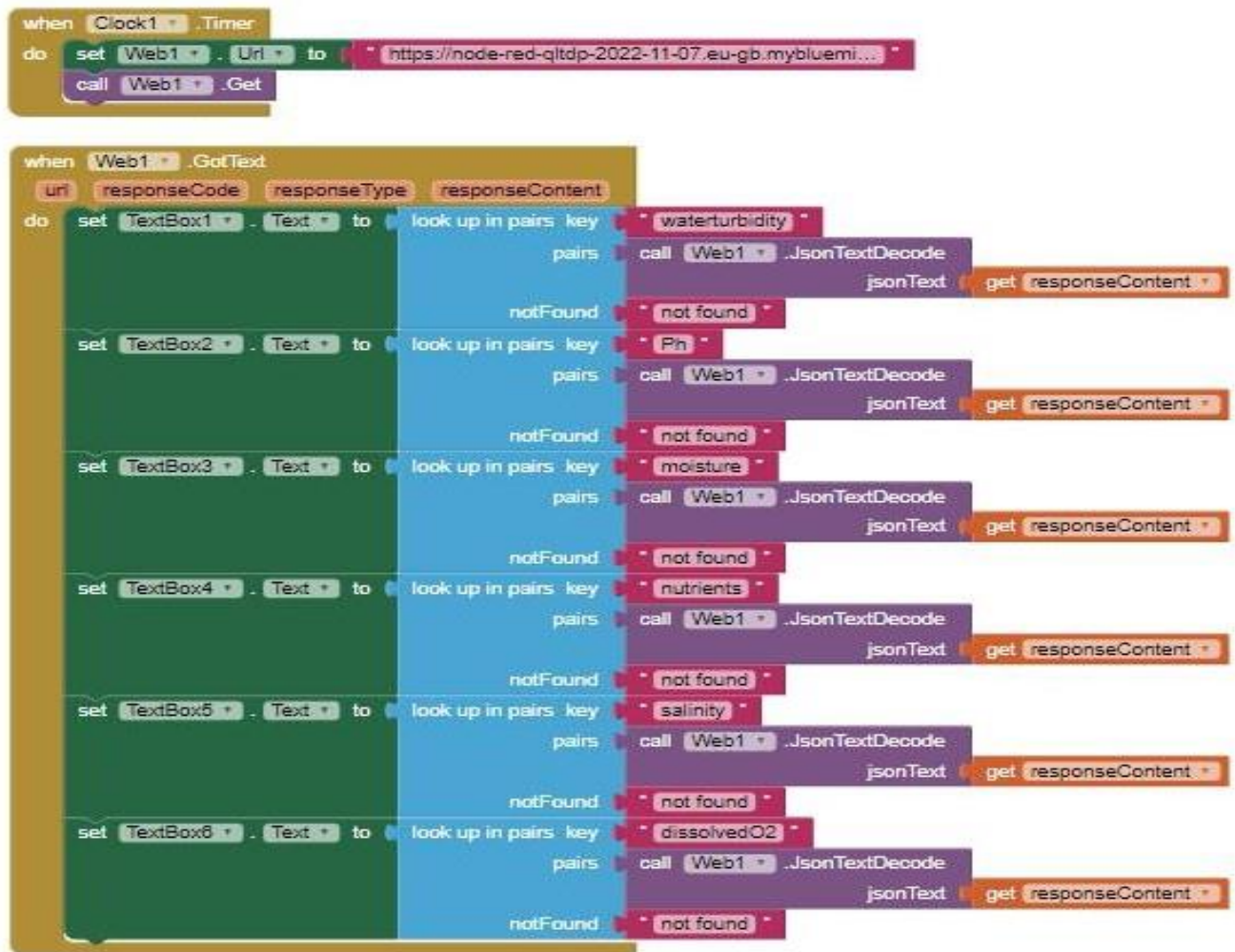
**DESIGN AN APP IN MIT APP INVENTOR**

**PARAMETERS ARE:**

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



## FRAME THE BLOCKS FOR FUNCTIONING



FOR BUTTONS

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

```
when Button2 .Click
do
  set Web2 . Uri 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

