

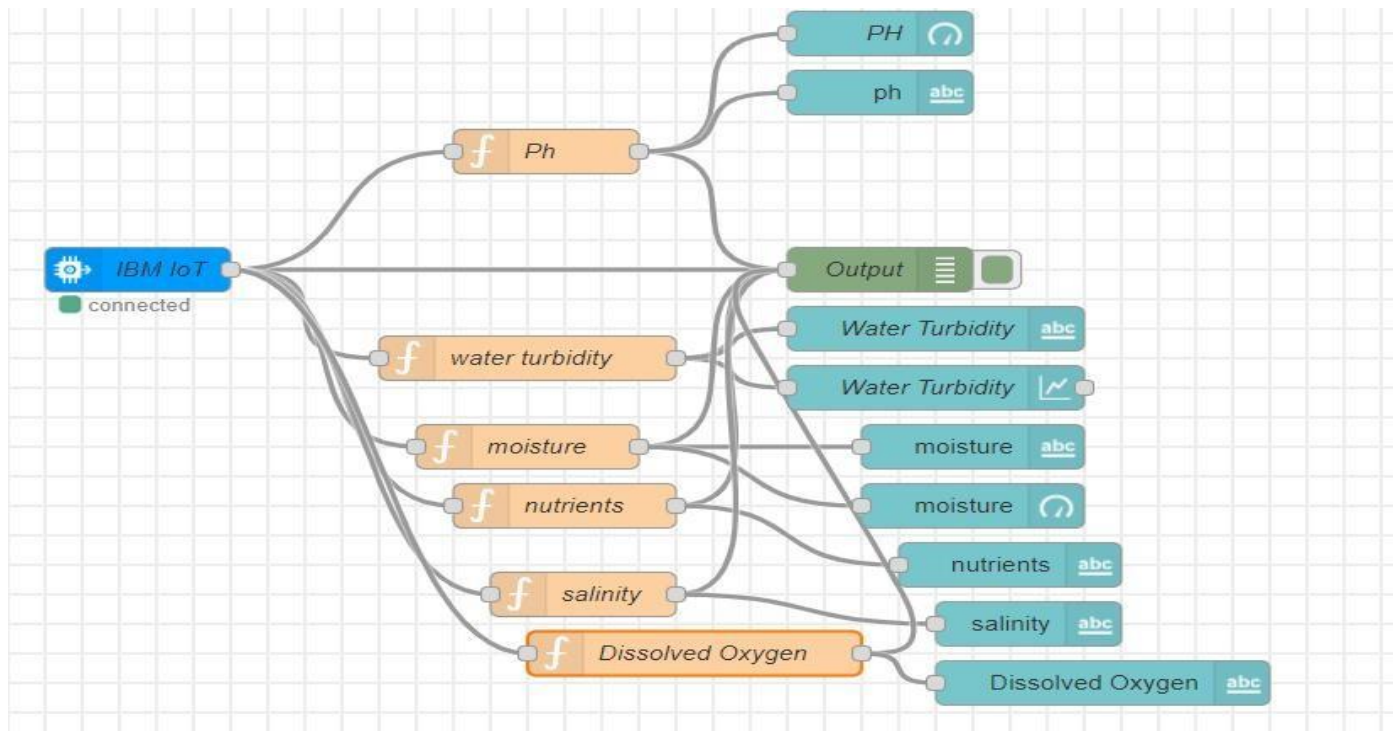
## SPRINT 4

TEAM ID: PNT2022TMID51580

### REAL TIME RIVER WATER QUALITY MONITORING AND CONTROL SYSTEM

#### NODE RED UI:

##### Node-red-dashboard



#### Edit function node

Delete

Cancel

#### Properties

Name Ph

Setup

On Start

On Message

On Stop

```
1 global.set("Ph",msg.payload.Ph)
2 msg.payload=msg.payload.Ph
3 return msg;
```



Edit function node

Delete Cancel

0 Properties



0 name water turbidity

0 Setup On Start On Message On Stop

```
1 'global..se'c('Jate/_Turbidity','',msg'. payload'.Water_Turbi'dil,j
2 msg.pay'load = msg.pay'load.Water Tu bidity
3 retur< msg;
```

O Enabled

Edit 'function node

Delete Cancel

'0' Name moisture

0 Setup Oh Stair On Message On Stop

```
global.set("moisture",msg.payload.moisture)
2 msg.payload = msg.payload.moisture
```

Ed1 function node

Delete

Cancel

Done

Properties



6 Name nutrients



0 Setup On Sait On Message On Stop

```
1 global.set('nutrients',msg.payload.nutrients)
2 msg.payload = msg.payload.nutrients
```

Enabled

Edit function n'6de

eye

Cancel

Done

0 Properties



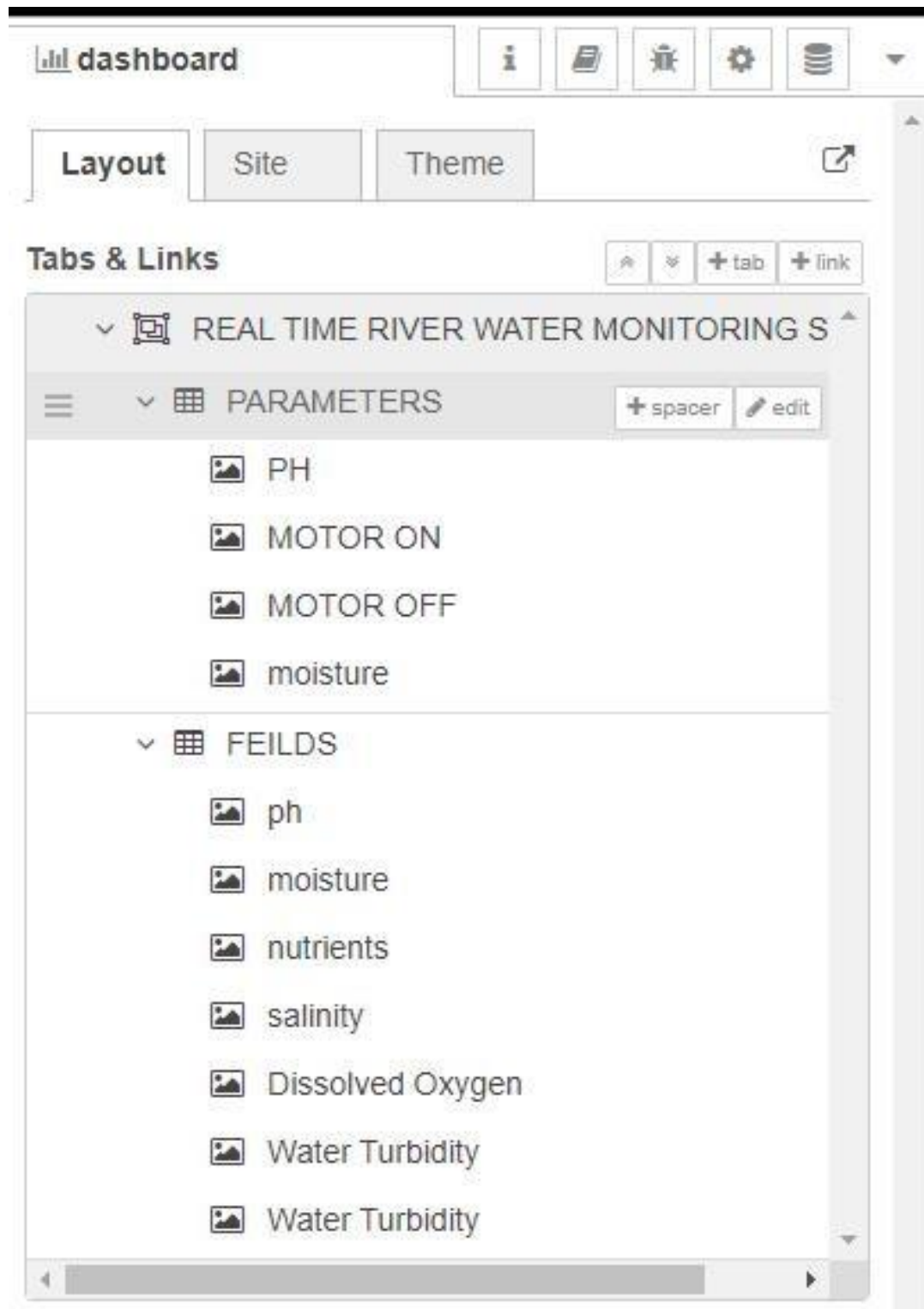
WName salinity



Setup On Start On Message On Stop

Enabled


# UI



REAL TIME RIVER WATER MONITORING SYSTEM

PARAMETERS

Ph

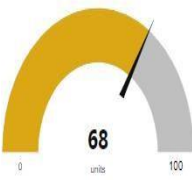


8 units

MOTOR ON

MOTOR OFF

moisture




68 units

FEILDS

ph	8
Water Turbidity	86
moisture	68
nutrients	46
salinity	35
Dissolved Oxygen	32

Water Turbidity



Time	Water Turbidity
15:33:00	65
15:34:00	95
15:35:00	45
15:36:00	60
15:37:00	25
15:38:00	85
15:39:00	40
15:40:00	60
15:41:00	30
15:42:00	50
15:43:00	20
15:44:00	40
15:45:00	60
15:46:00	80
15:47:00	90
15:48:00	70
15:49:00	50