# **SPRINT** 2

#### **TEAM ID: PNT2022TMID42971**

## REAL TIME RIVER WATER QUALITY MONITORING AND CONTROL SYSTEM

#### AIM:

To create device in the IOT Watson Platform and Configure Node Red Services.

## **REQUIREMENT:**

IBM cloud, IBM IOT WATSON PLATFORM, NODE RED SERVICES.

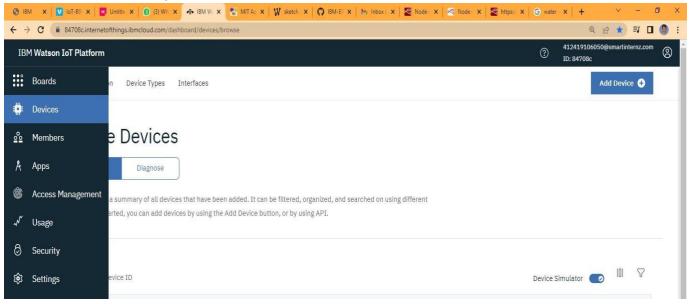
## **WORKFLOW:**

### **STEP 1:**

Log on to IBM cloud and create IBM Watson IOT Platform from IBM cloud Dashboard.

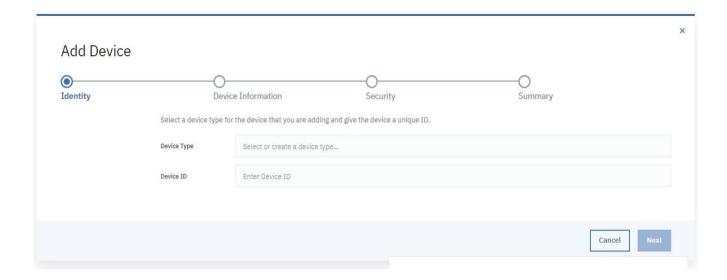
#### **STEP 2:**

After Creating IBM Watson IOT Platform, create an Organization (ex.84708c ID: 84708c Bluemix Free)



#### **STEP 3:**

Create an device IBM IOT PALTFORM.



TYPE THE REQUIRED FIELDS (TYPE: ESP32, ID: 1234) GIVE AUTH-TOKEN.

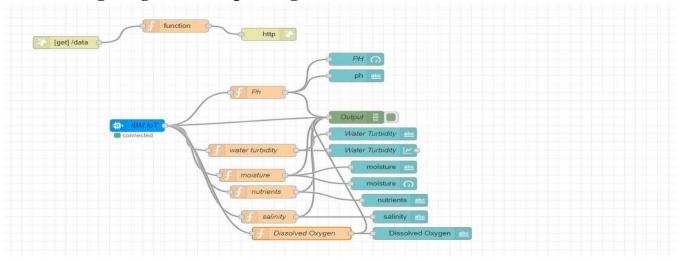
#### **STEP 4:**

### NODE RED SERVICE

■ INSTALL IBM IOT IN MANGE PALETTE.
■ INSTALL NODE RED DASHBOARD.

## **STEP 5:**

Configuring the corresponding nodes



#### STEP 6:

Deploy the Services and verify the output values.

## **OUTPUT IN IBM WATSON IOT PLATFORM:**

