#### **CREATE IBM WATSON IOT PLATFORM AND DEVICE**

Date	2 November 2022
Team ID	PNT2022TMID21050
Project Name	Gas leakage monitoring and alerting system for
	industries

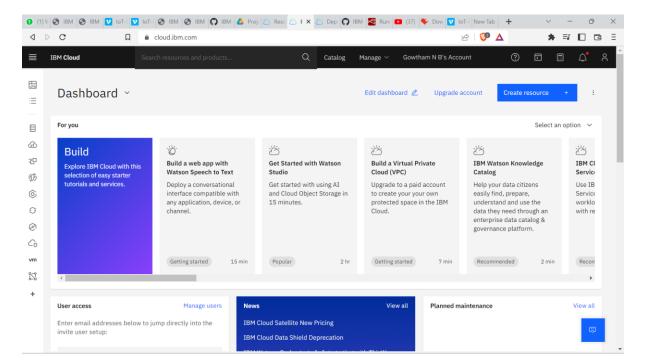
### AIM:

To create the IBM Watson IoT platform and device.

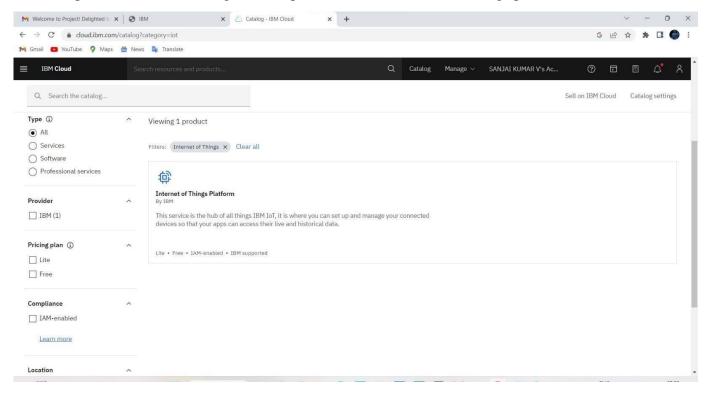
# Steps to be followed

Step 1: Firstly, create an IBM cloud account with IBM id and password.

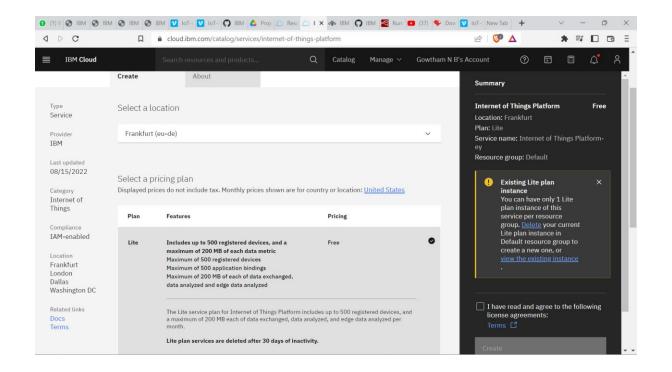
Step 2:Home page of IBM cloud.



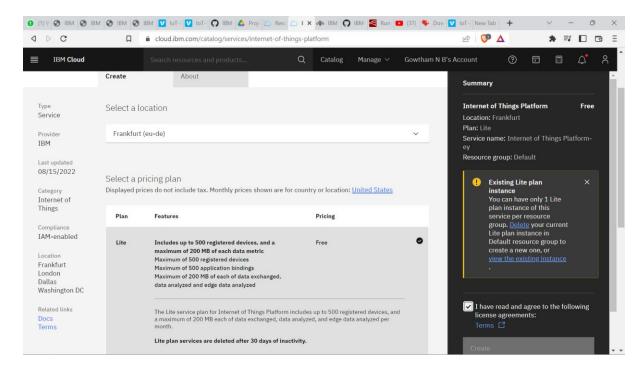
Step 3: Click on the catalog on the top and enter into Internet of Things platform.



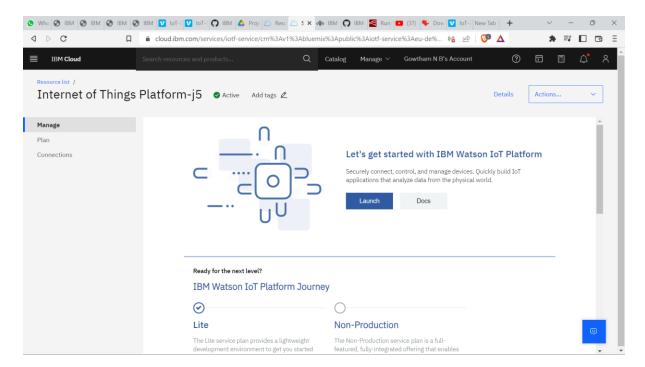
Step 4: If already a lite is present delete it else u can't create another.



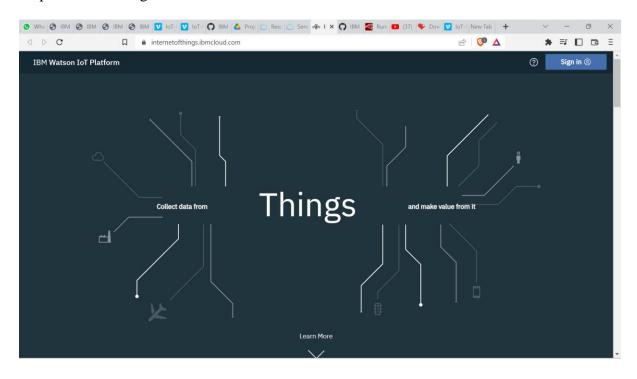
Step 5: Select the agreements and click create.



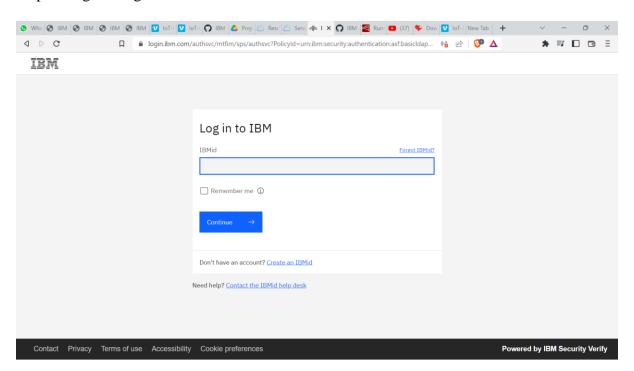
#### Step 6: Click on launch button.



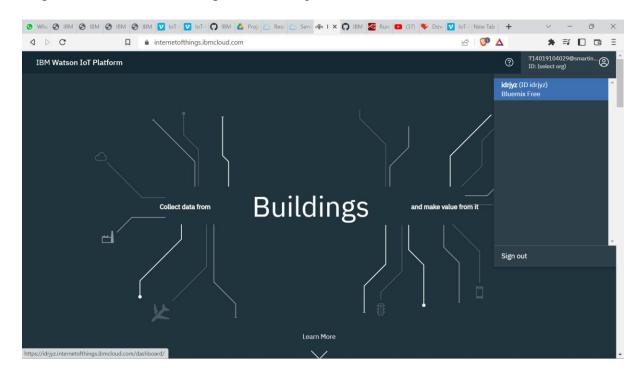
Step 7: Click on Sign in.



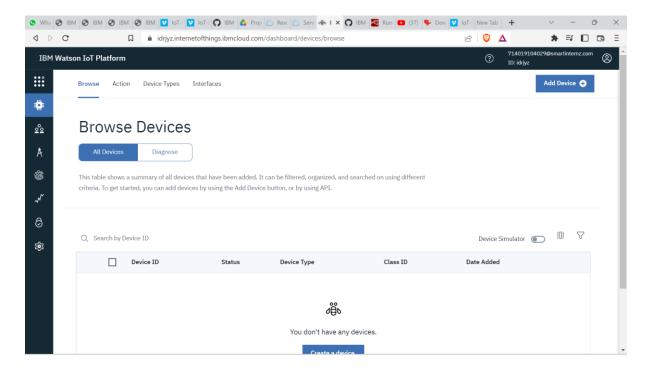
Step 8: Login using IBM cloud credentials



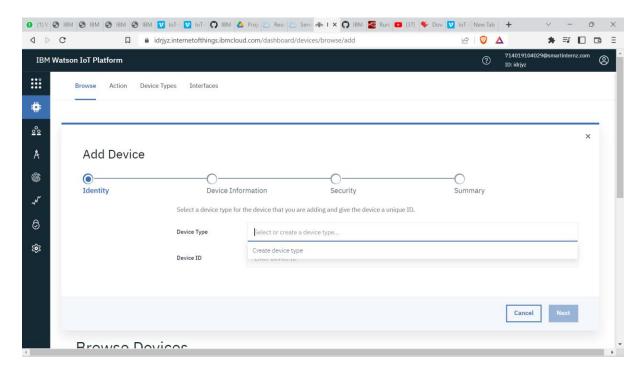
Step 9: Select Bluemix Free option on the right corner



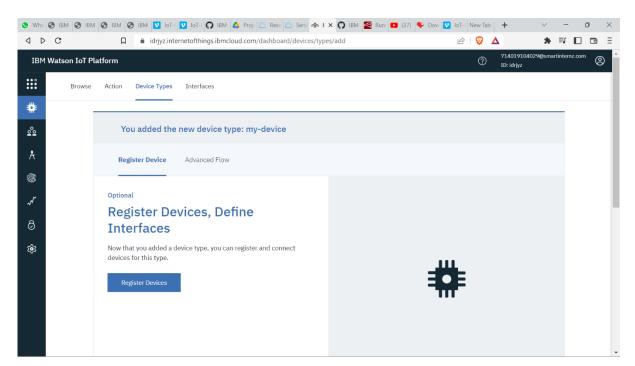
Step 10: Now click on Add Device.



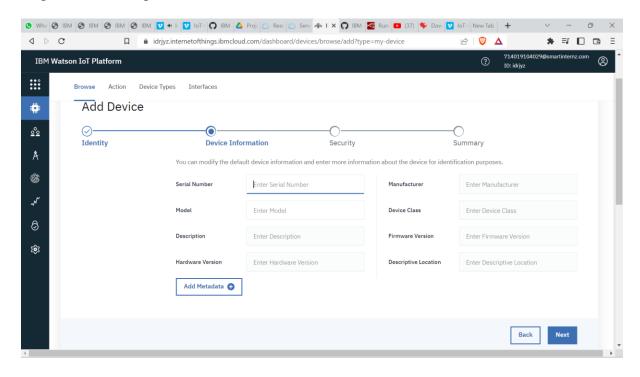
## Step 11: Fill the required Details.

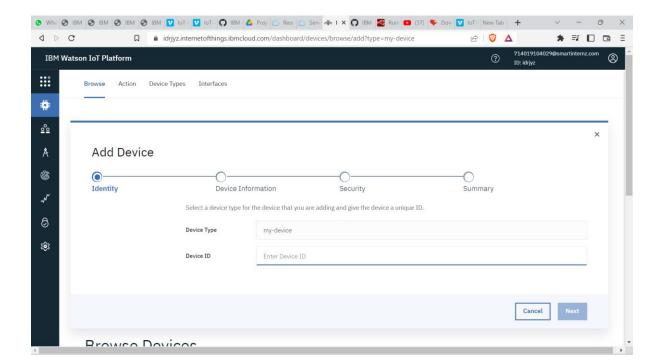


## Step 12: Click Registered Devices

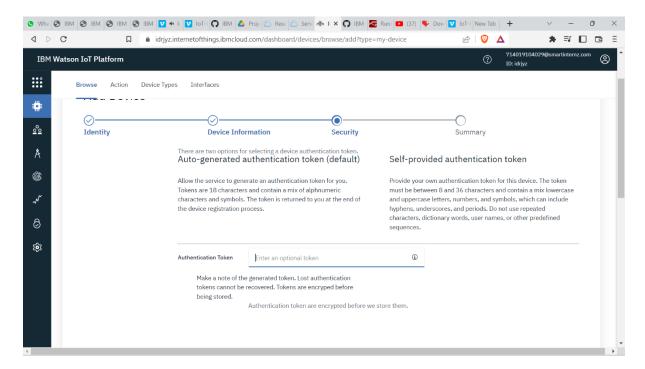


## Step 13: Fill the required Details.

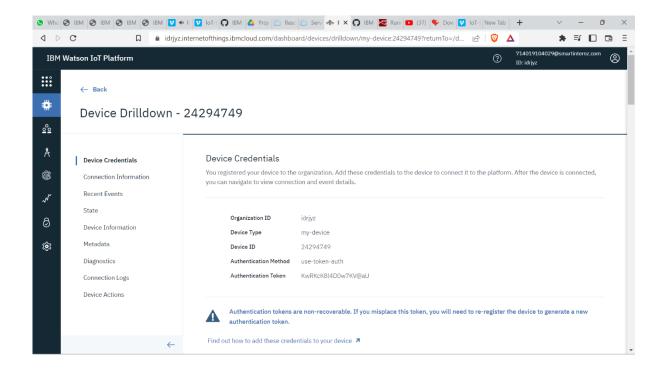




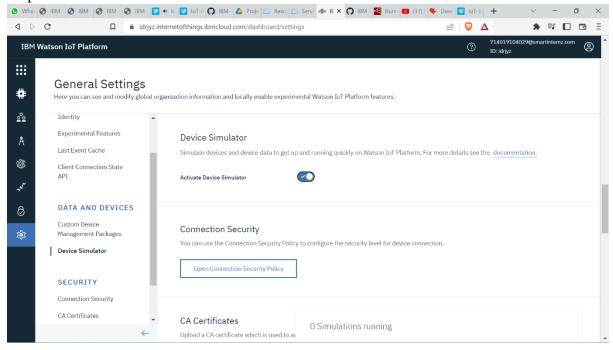
Step 14: Authentication token will be generated automatically



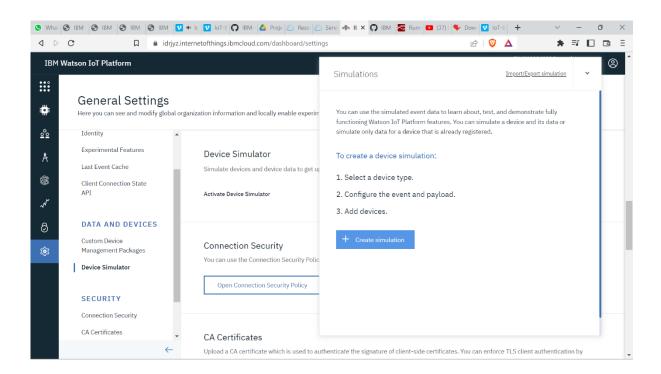
Step 15: Copy the Credentials and Save it for future use.

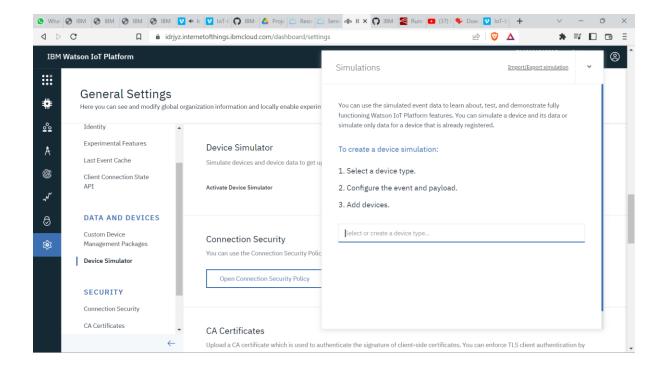


Step 16: Select Device Simulator

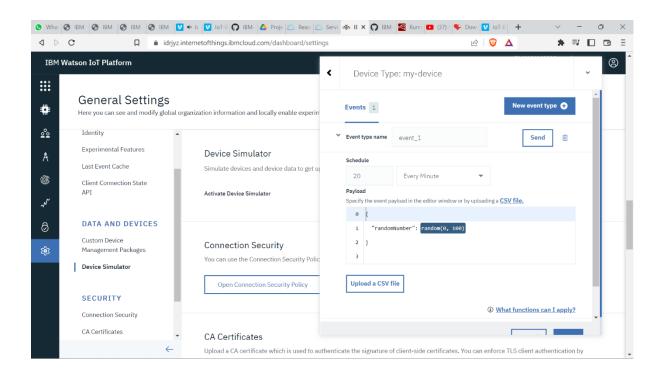


Step17: Select Create Simulation

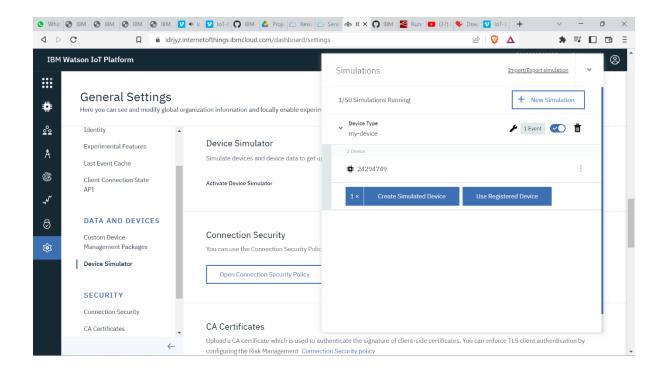




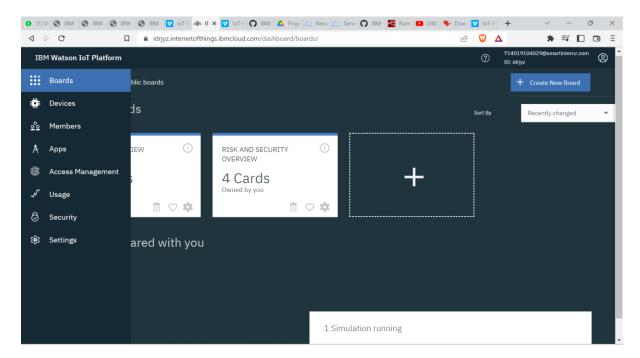
Step 18: Simulate the events.



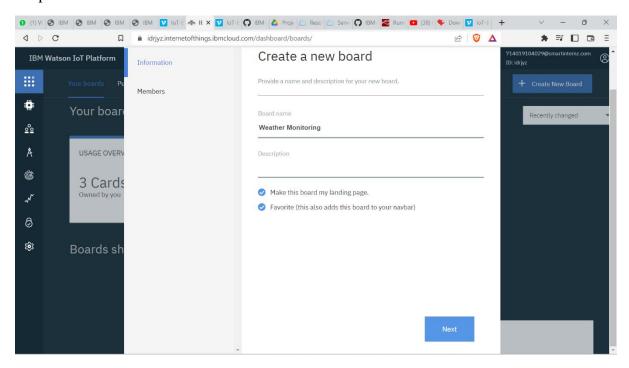
#### Step 19: Save the event



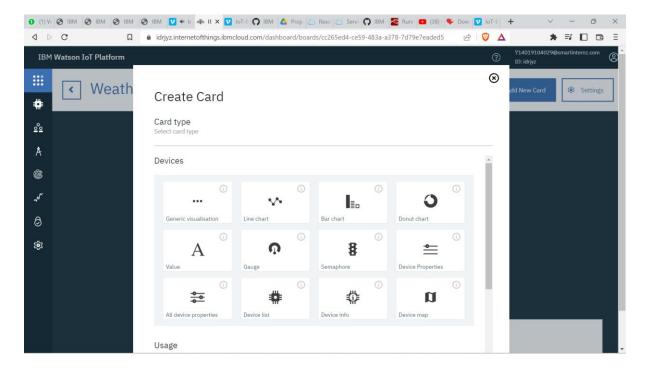
## Step 20: Go to cards



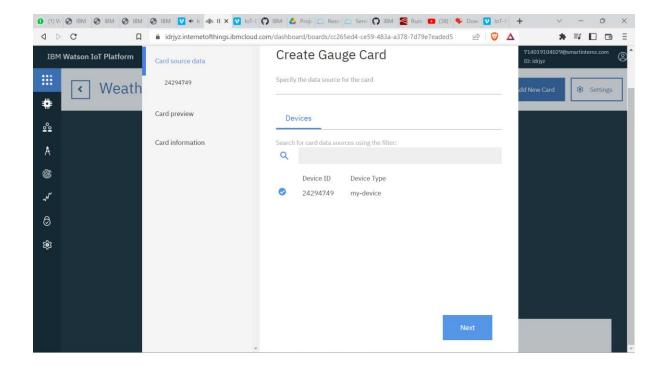
Step 21: Create a new board



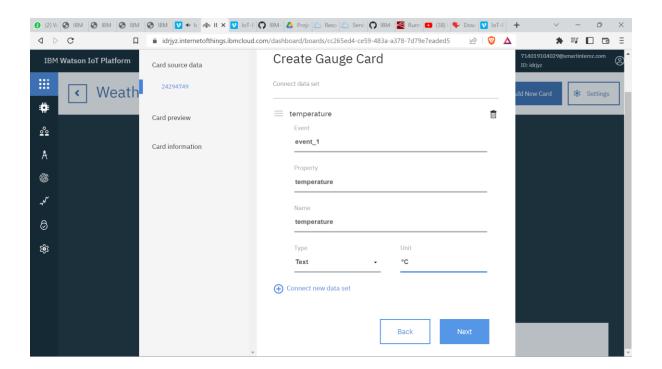
Step 22: Create a card

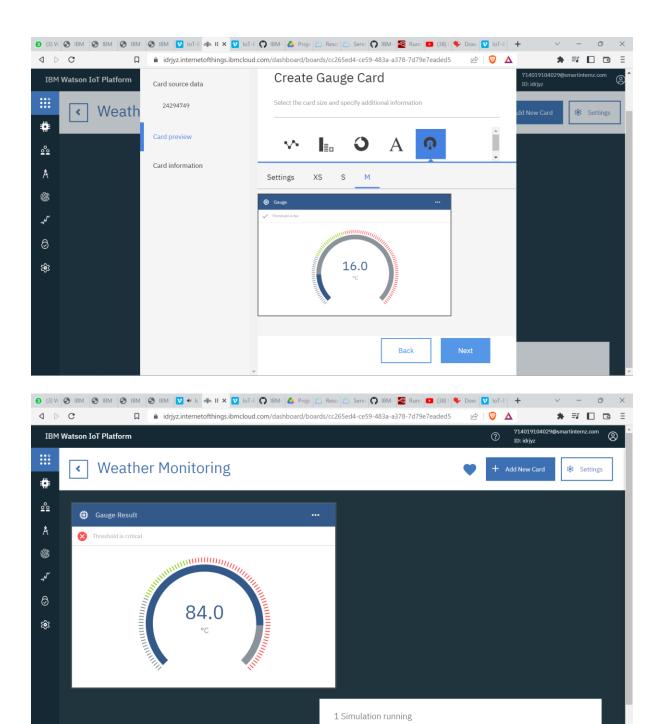


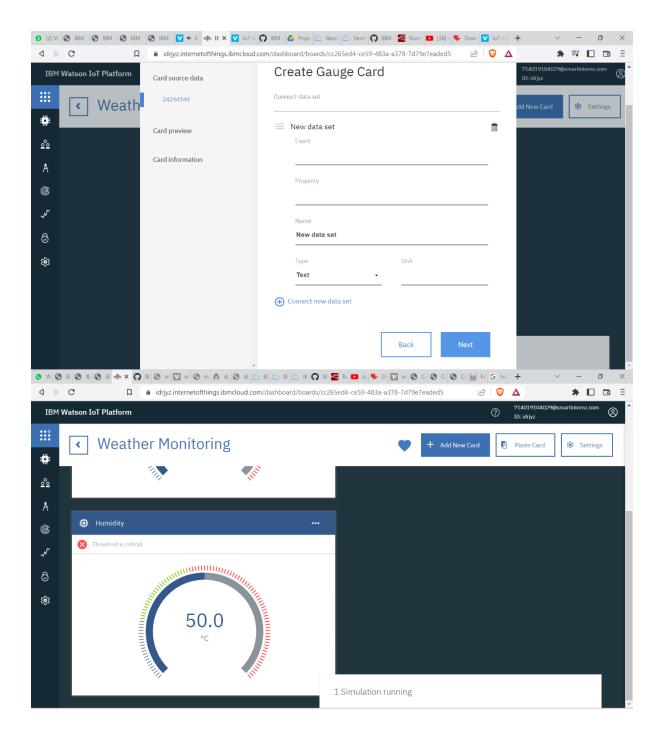
Step 23: Connect to Device and create a gauge



Step 24: Create Gauge for all the event properties







#### **Result:**

An IBM Watson cloud for IoT and a device is created successfully.