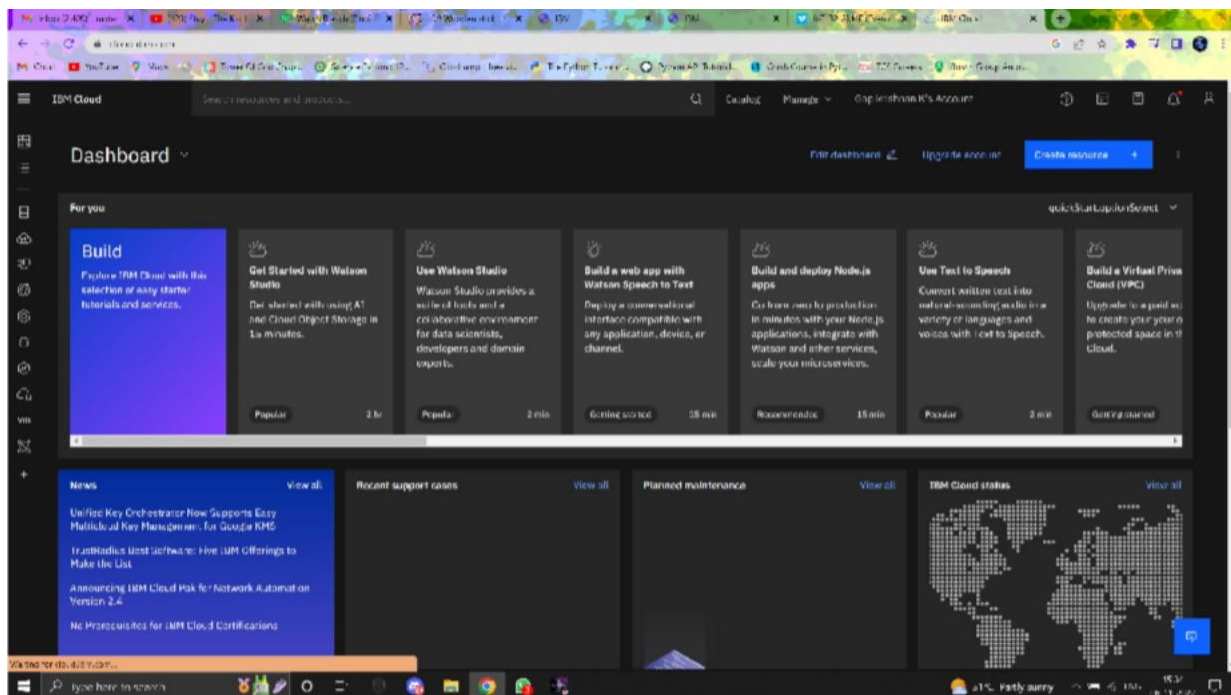


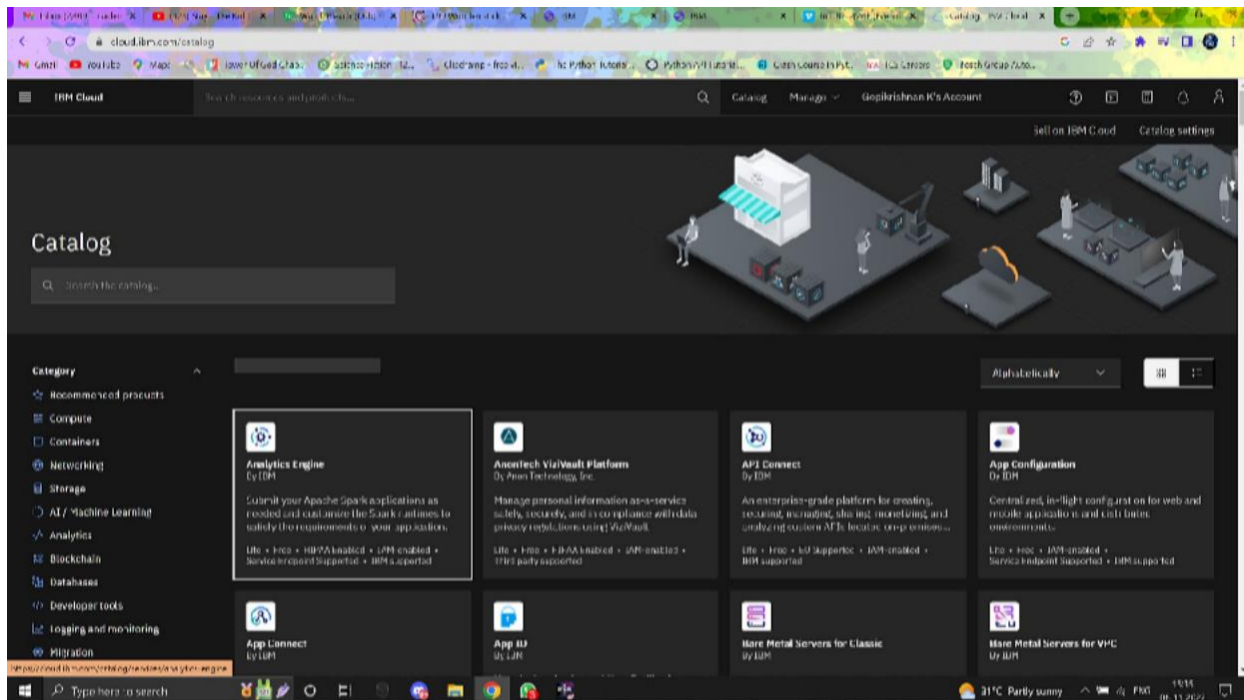
## Create IBM Watson IoT Platform

Date	03 October 2022
Team ID	PNT2022TMID14790
Project Name	SMART FARMER – IOT ENABLED SMART FARMING APPLICATIONS

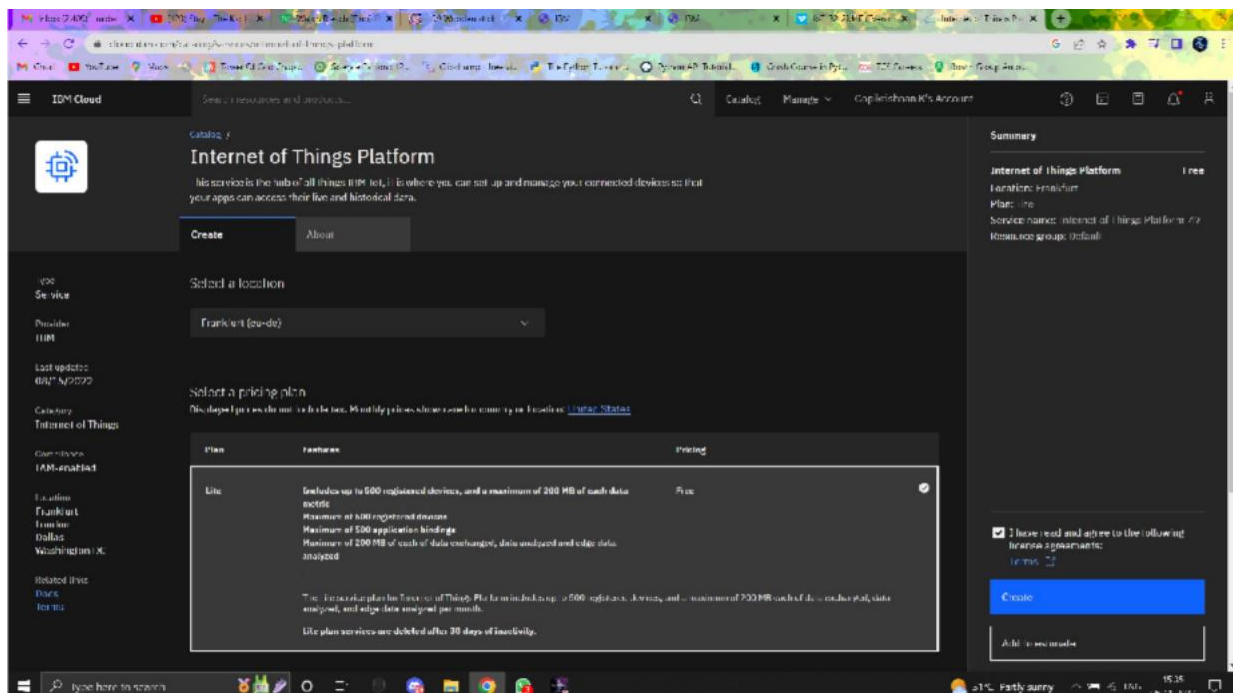
### Step 1: Home page of IBM cloud.



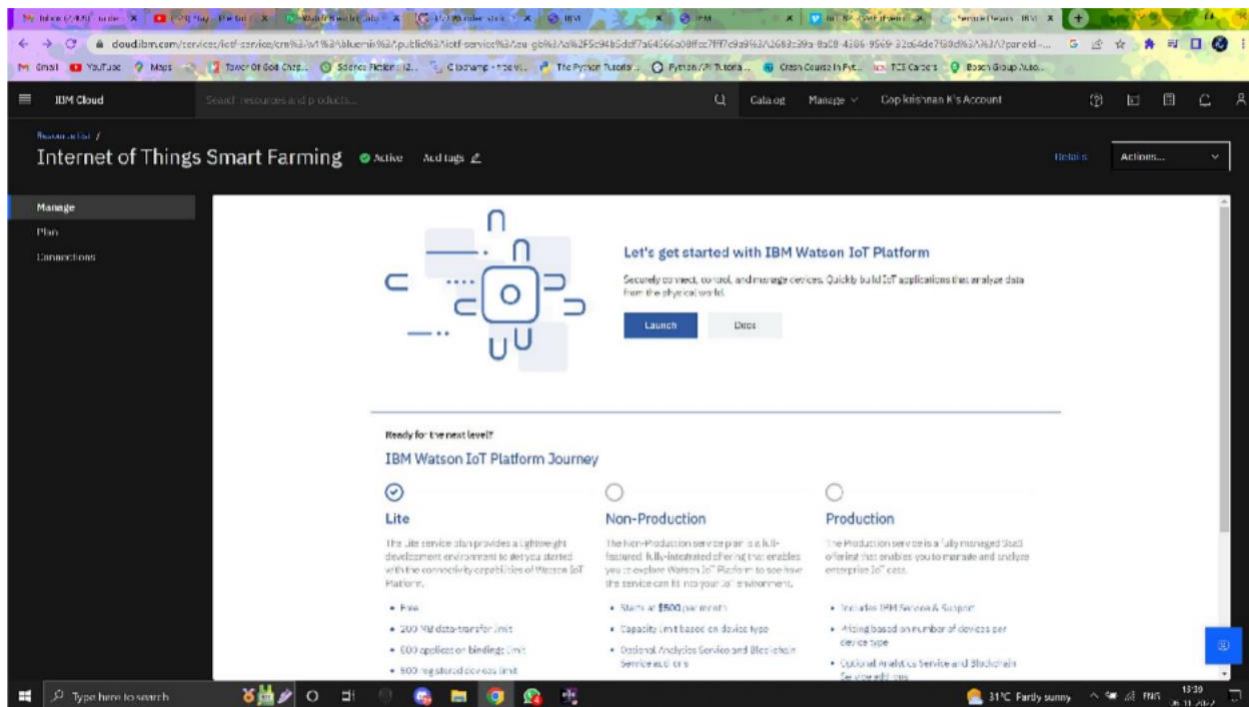
Step 2: Click on the catalog on the top.



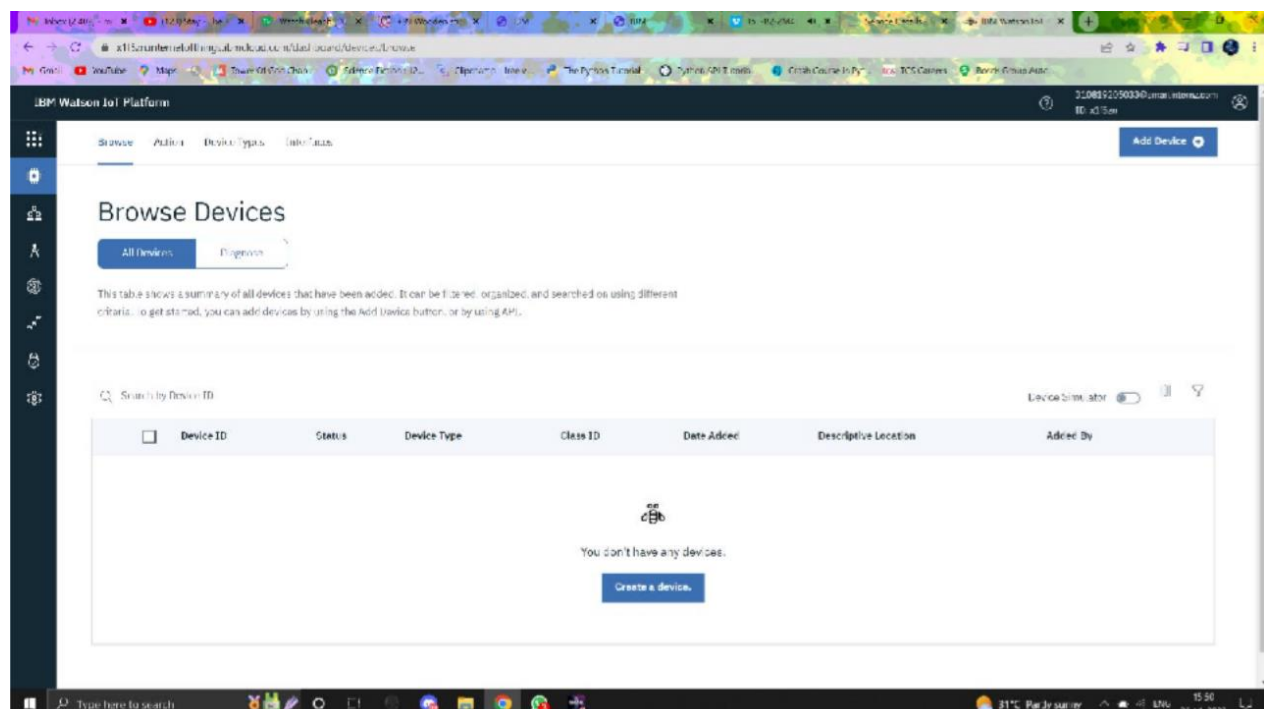
Step 3: Click on Internet of Things Platform.



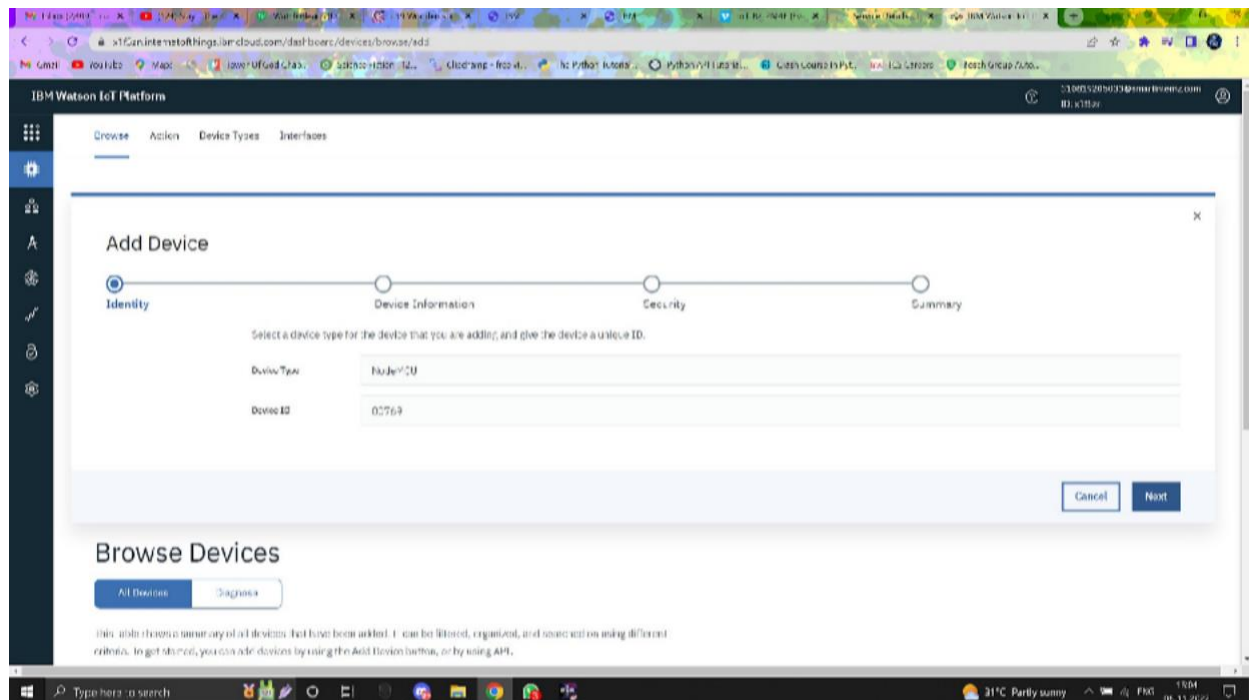
**Step 4: Click on the launch button.**



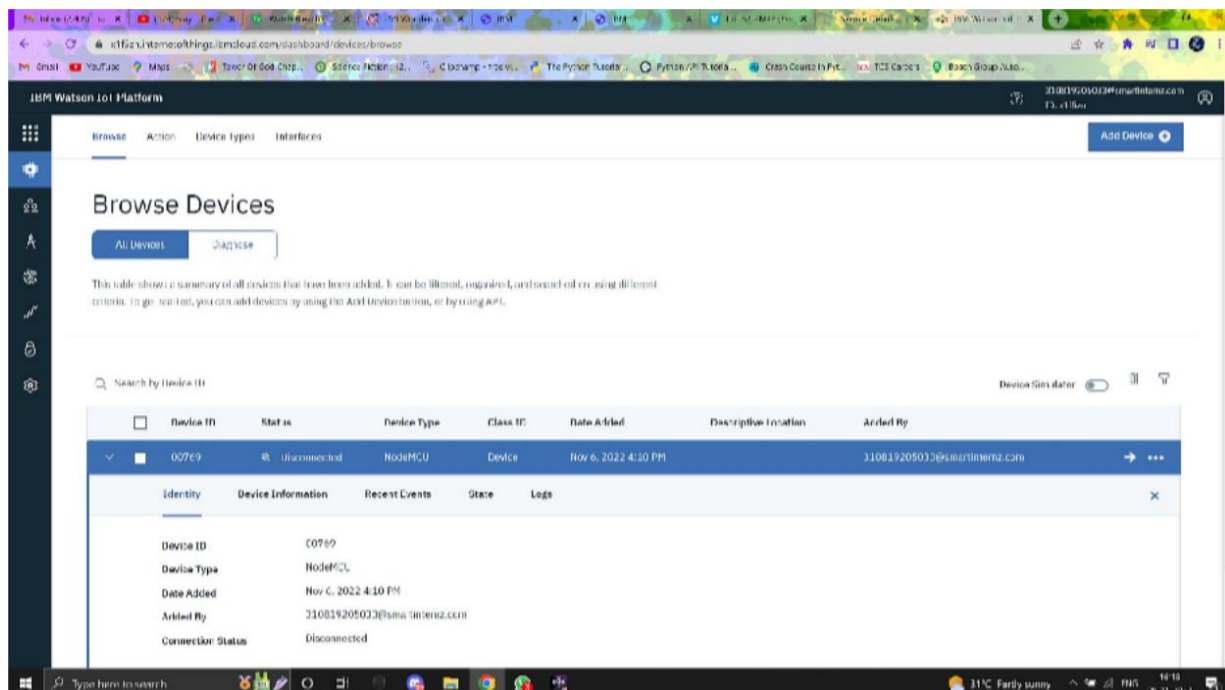
**Step 5: This is the IBM Watson platform.**



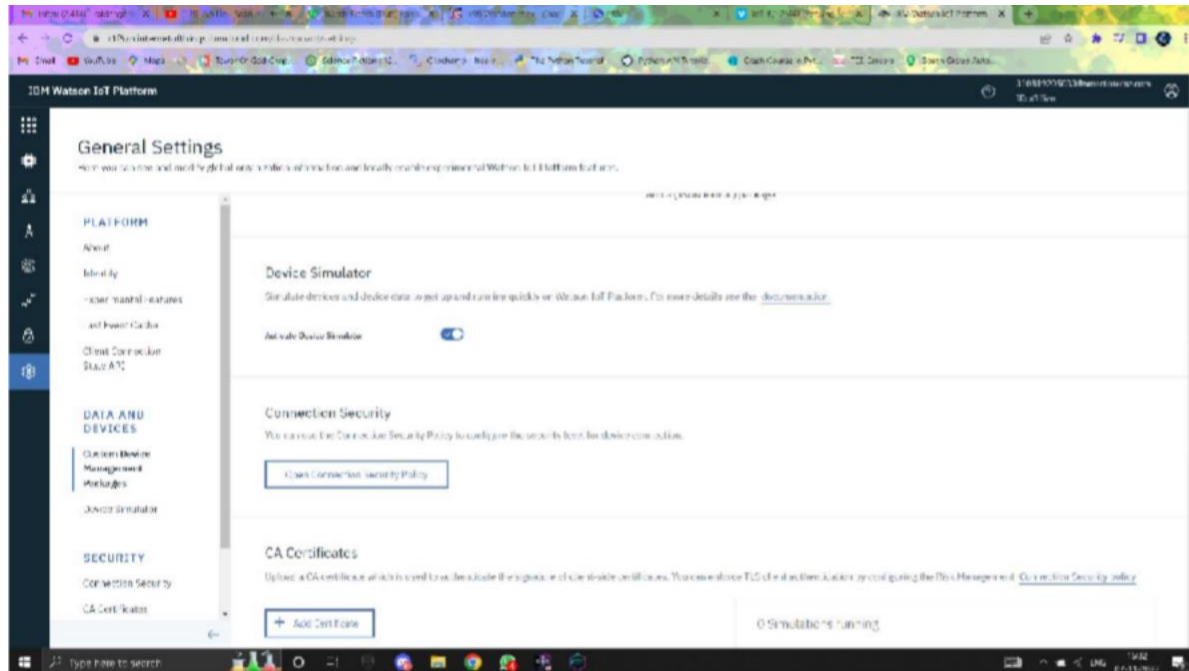
## Step 6: Click on Device Type.



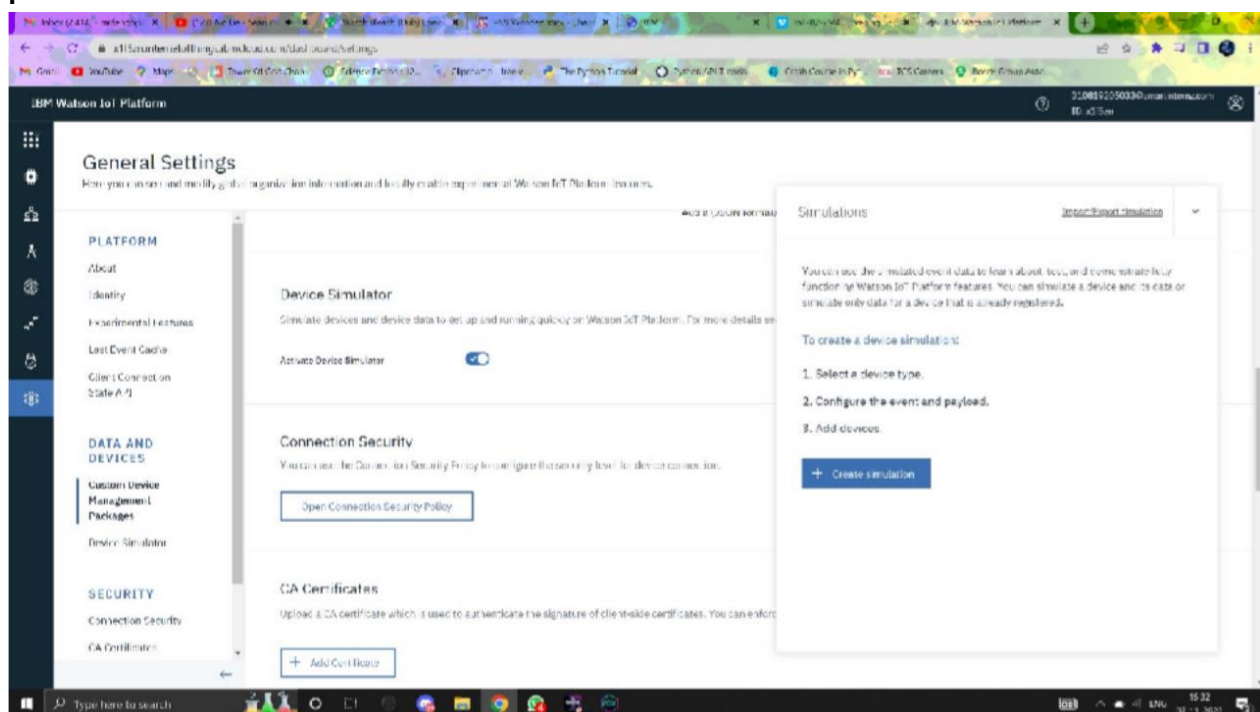
## Step 7: After creating the device, Copy the Device Credentials.



**Step 8:** Then click on Device Simulator and Activate Device Simulator.



**Step 9:** Click on the pop-up screen on the right side





**Step 10:** Click on Use Registered Device and choose the device and run it.

The screenshot shows the IBM Watson IoT Platform interface. On the right, the 'Simulations' panel is open, displaying '2/30 Simulations running' and a 'New Simulation' button. Below this, a 'Device Type' dropdown is set to 'NodeMCU'. The 'Simulations' panel also shows '2 events sent' and '104 bytes sent'. On the left, a table lists recent events for a device with ID '00769'. The table has columns for 'Event', 'Value', 'Format', and 'Last Received'.

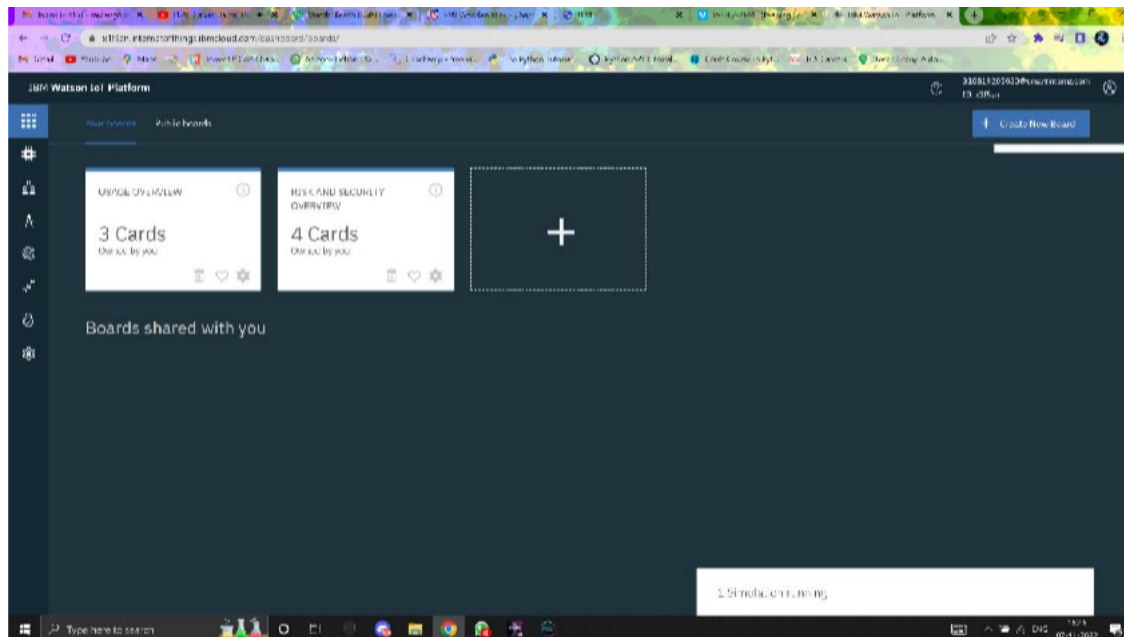
Event	Value	Format	Last Received
event_1	{ "temperature": 25, "humidity": 51, "motion": 0 }	json	A few seconds ago
event_1	{ "temperature": 25, "humidity": 51, "motion": 0 }	json	A few seconds ago

**Step 11:** Go to devices then click on devices and check the recent events whether the code is running or not.

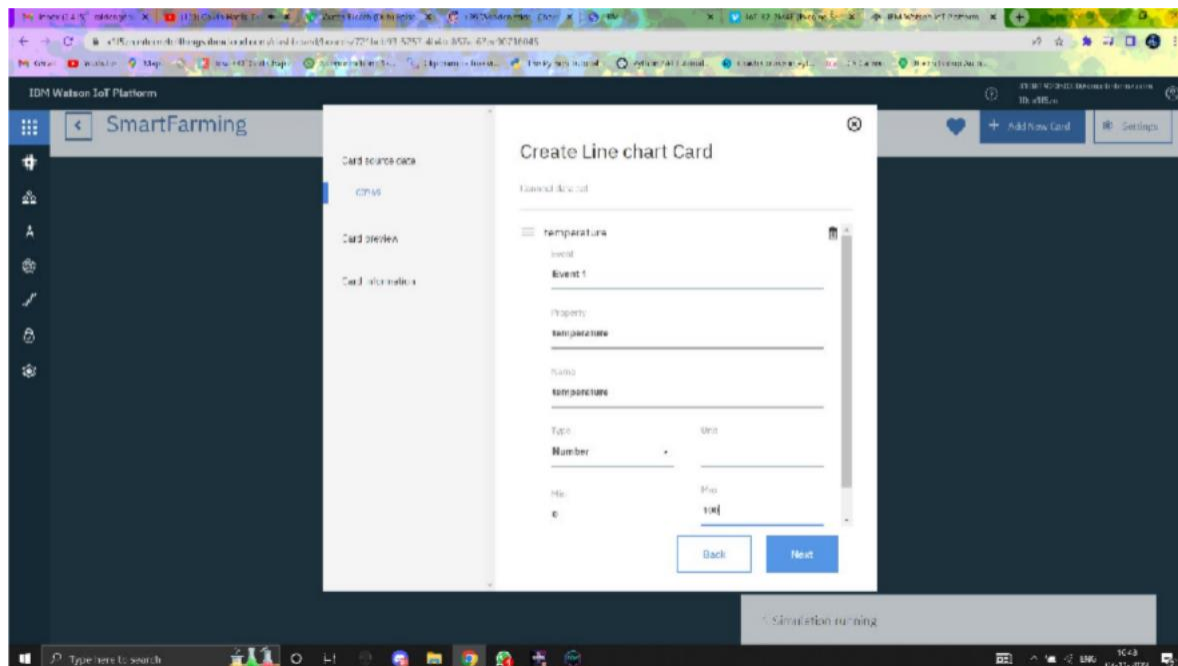
The screenshot shows the IBM Watson IoT Platform interface. On the right, the 'Events' panel is open, displaying 'Event type name' as 'event\_1' and 'Frequency' as '20 x Every 10 min'. Below this, a 'Payload' section shows a JSON object: { "temperature": 25, "humidity": 51, "motion": 0 }. The 'Events' panel also shows '2 events sent' and '104 bytes sent'. On the left, a table lists recent events for a device with ID '00769'. The table has columns for 'Event', 'Value', 'Format', and 'Last Received'.

Event	Value	Format	Last Received
event_1	{ "temperature": 25, "humidity": 51, "motion": 0 }	json	A few seconds ago

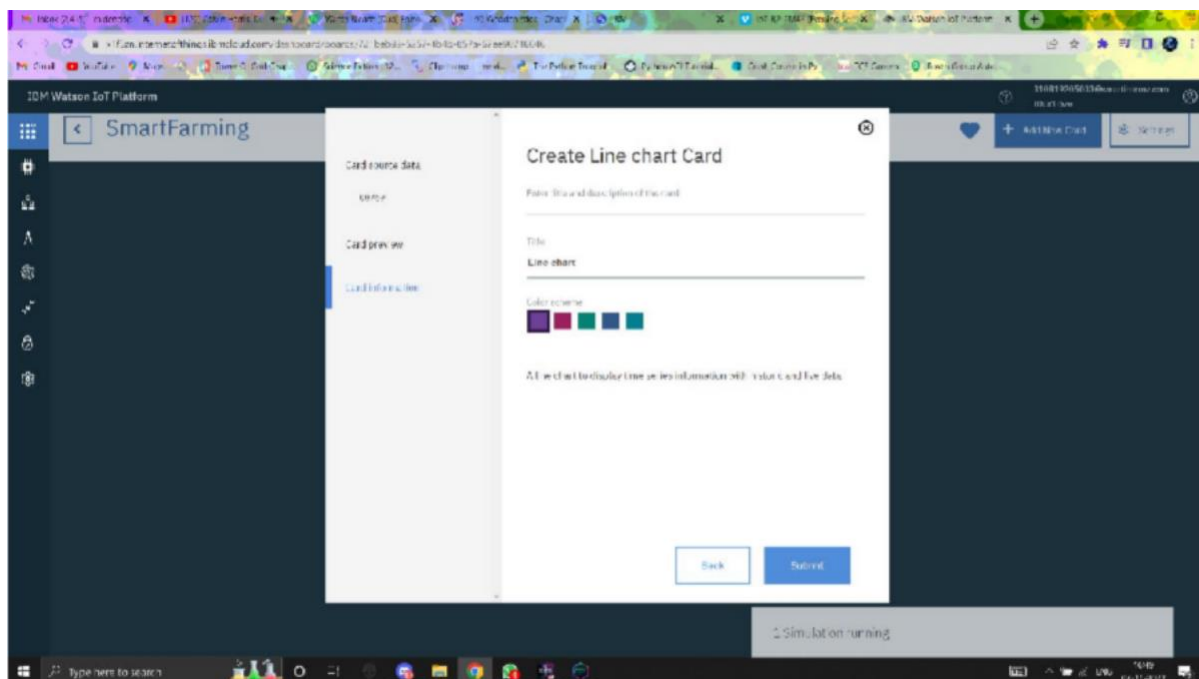
**Step 12:** Go to Board and click on + Create New Board, fill the details and create a board.



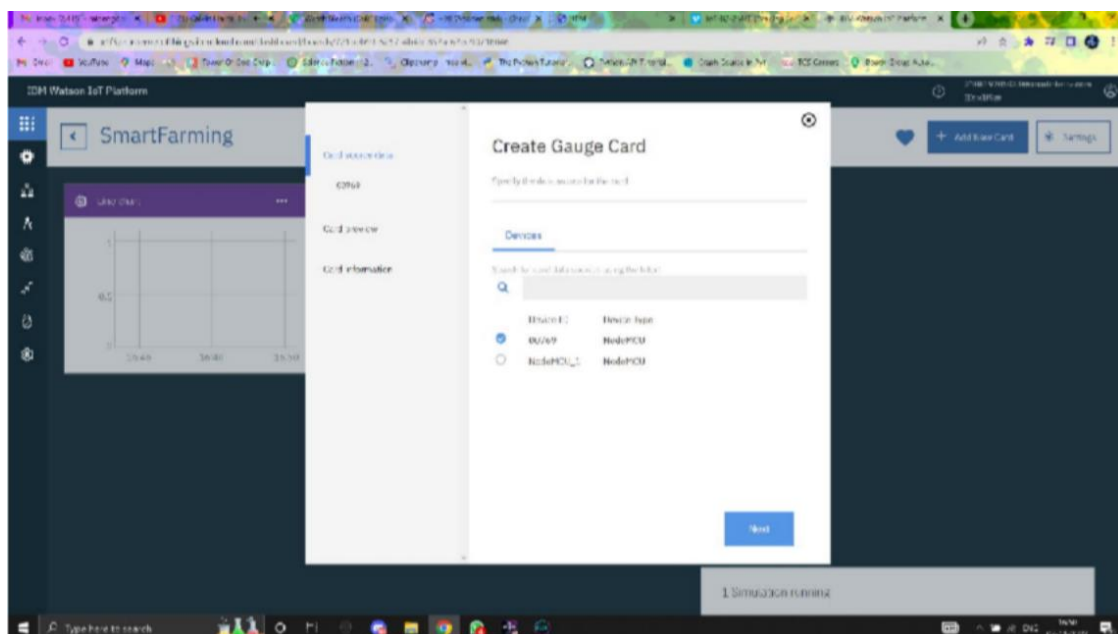
**Step 13:** Fill the details to get Temperature graph.



**Step 14:** Select the Color from the given option.

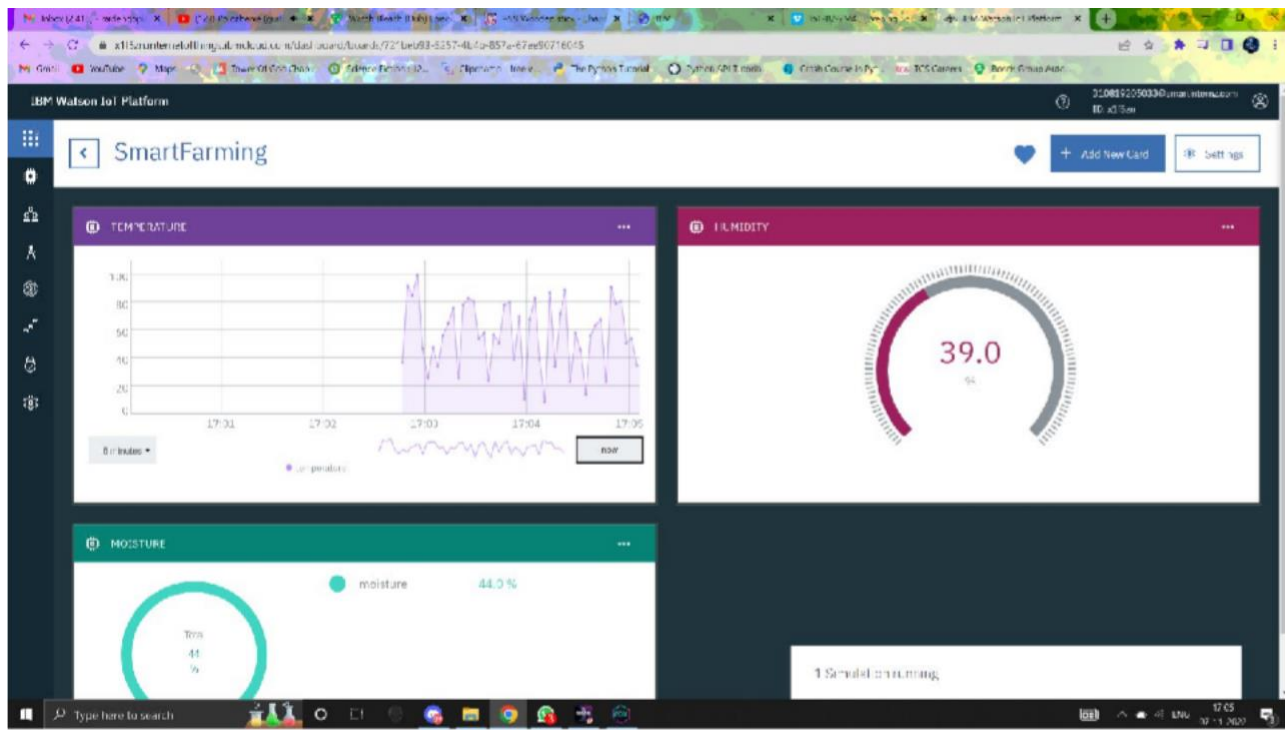


**Step 15:** Repeat the same process again to get the Humidity graph and M





**Step 16:** Here is the Final graph.



**Result:**

Thus IBM Watson for IoT platform is created for our project.