SENDING DATA FROM RASPBERRY-PI TO IBM WATSON

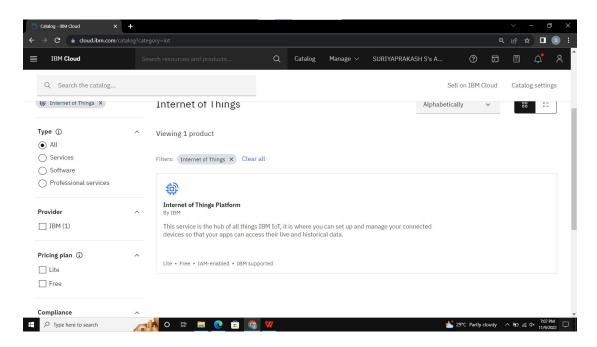
TeamID: PNT2022TMID33446

Team Members: Suriyaprakash S, Rajesh G, Ragul R, Sujith M.

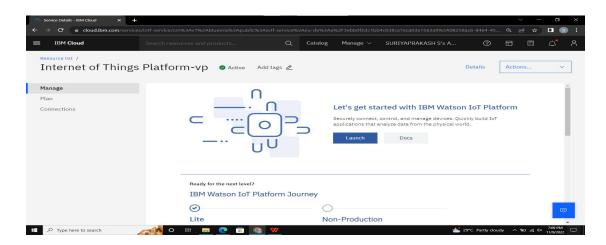
Project: Gas Leakage Monitoring and Alerting System for Industries.

Steps to followed to send data from raspberry pl to IBM Watson:

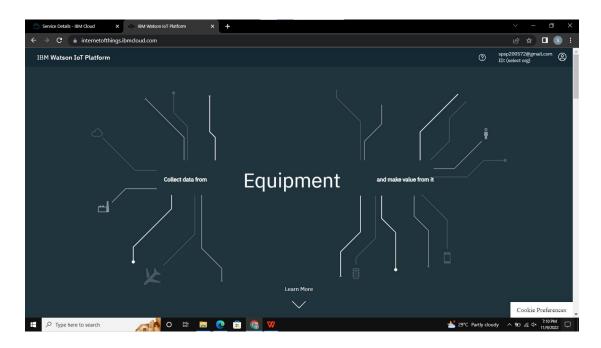
Step 1: GO to IOT in resource list.



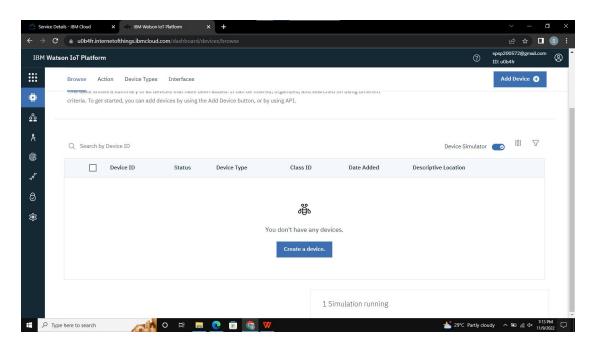
Step 2: Click launch button.



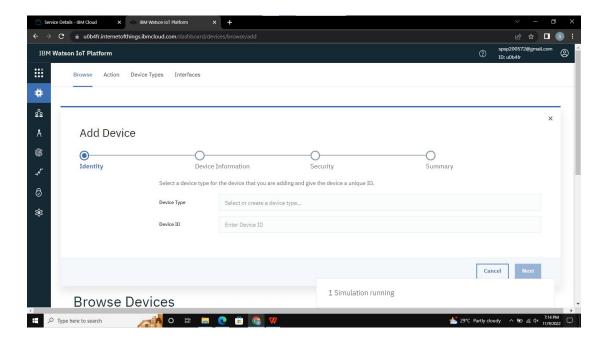
Step 3:



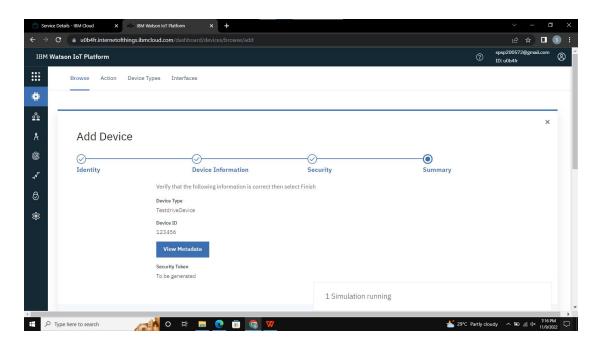
Step 4: Go to Browse option and create a device.



Step 5: Enter detail in add device option

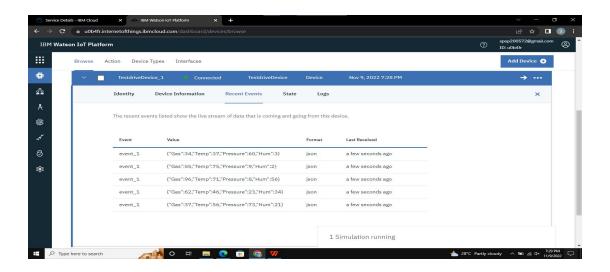


Step 6: Click **Finish** button.

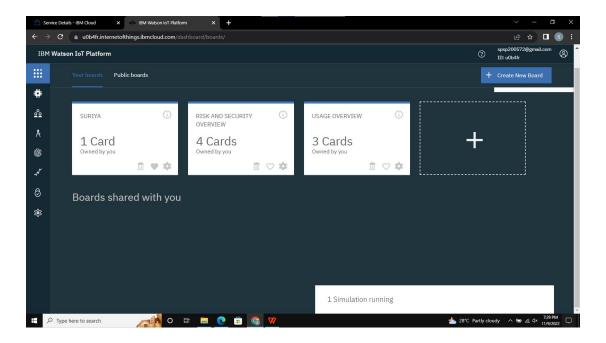


Step 7: Click stimulation running menu in below and Enter following code in JSON file:

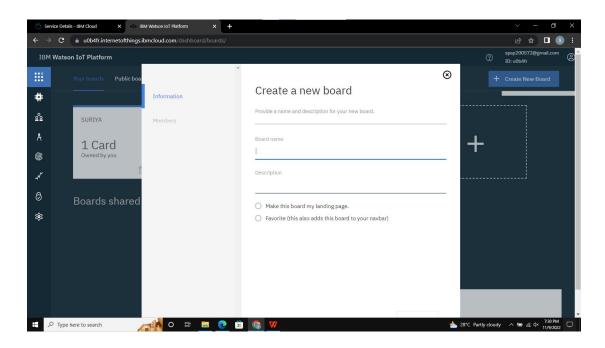
{ "Gas": random(0,100), "Temp": random(0,100), "Pressure":random(0,100), "Hum": random(0,100) }



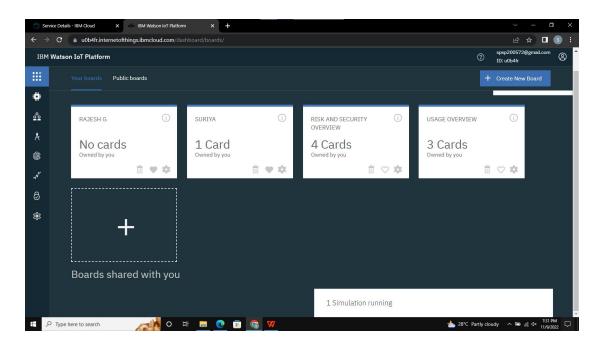
Step 8: Create boards and cards for virtualization of data:



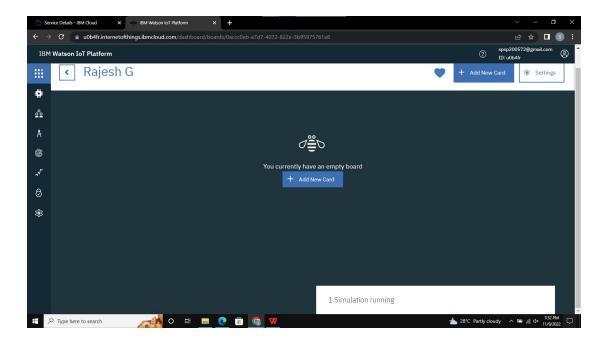
Step 9: Create boards



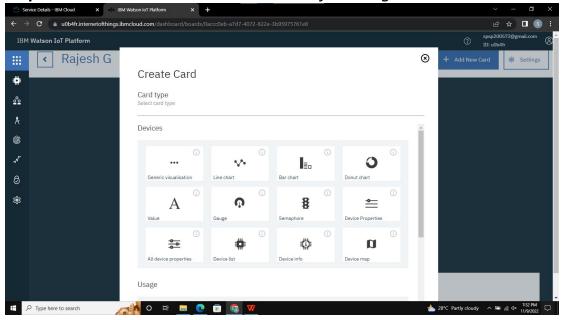
Step 10: Card is created by entering following detail in step 9 image.



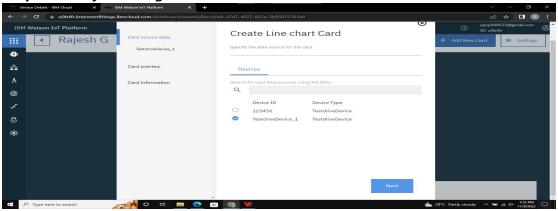
Step 11: Click into new boards.



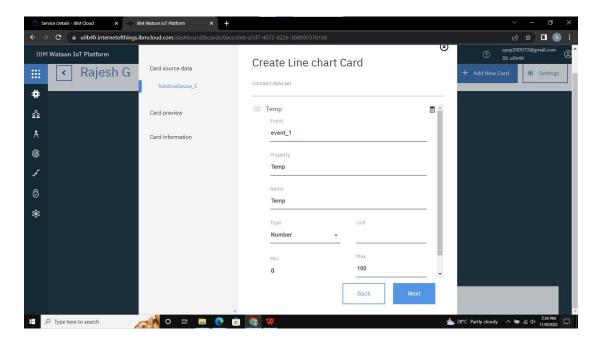
Step 12: Click "Add new Card" and select following devices.



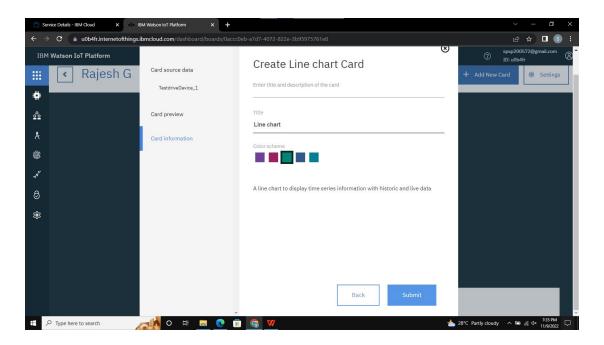
Step 13: Fill following details device detail menu.



Step 14: Enter the following details in chart card.



Step 15: Improve contrast of the colour in card information.



Step 16: Finally card generated different device.

