SENDING DATA FROM RASPBERRY-PI TO IBM WATSON

Date	7 NOVEMBER 2022
Team ID	PNT2022TMID54092
Project Name	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES

To send sensor data (or any dummy data) from Raspberry –Pi to IBM Watson.

REQUIREMENTS:

HARDWARE:

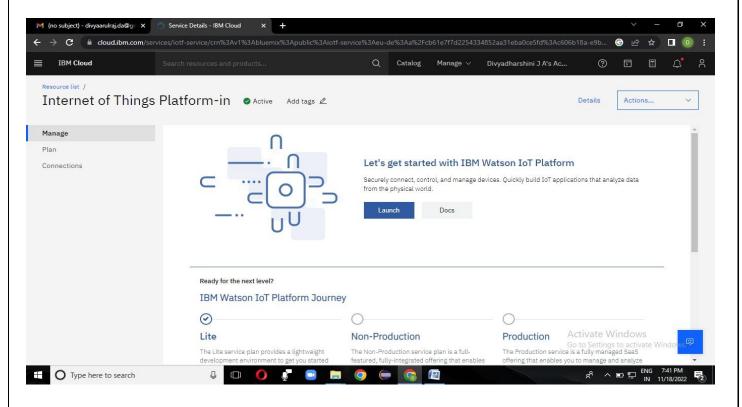
- RASPBERRY-PI (3B)(WITH ETHERNET CABLE OR WIFI CONNECTED)
- O USB MOUSE
- O USB KEYBOARD
- O VGA TO HDMI CABLE
- O A MONITOR
- O RASPBERRY'S POWER SUPPLY
- O DHT-11 Sensor **×**Connecting Wires

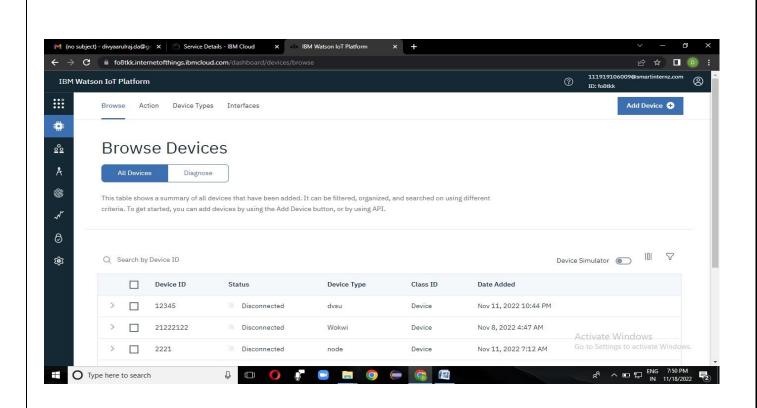
SOFTWARE:

O IBM BLUEMIX ACCOUNT

STEPS TO BE FOLLOWED

Step-1: Create a device in IBM Watson:





STEP-2: INSTALLING NECESSARY PACKAGES ON YOUR PI

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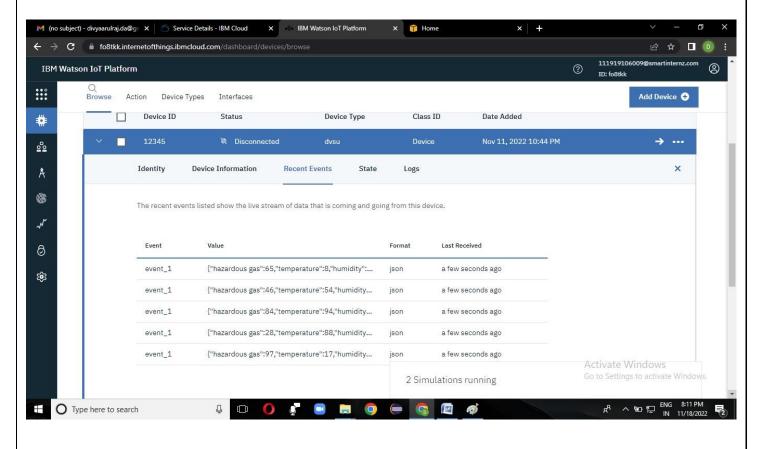
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File Edit Shell Debug Options Window Help

Python 2.7.13 (default, Jan 19 2017, 14:48:08)

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Step-3: checking your data sent on IBM Bluemix:



Step-4: Creating boards and cards for visualization of data:

