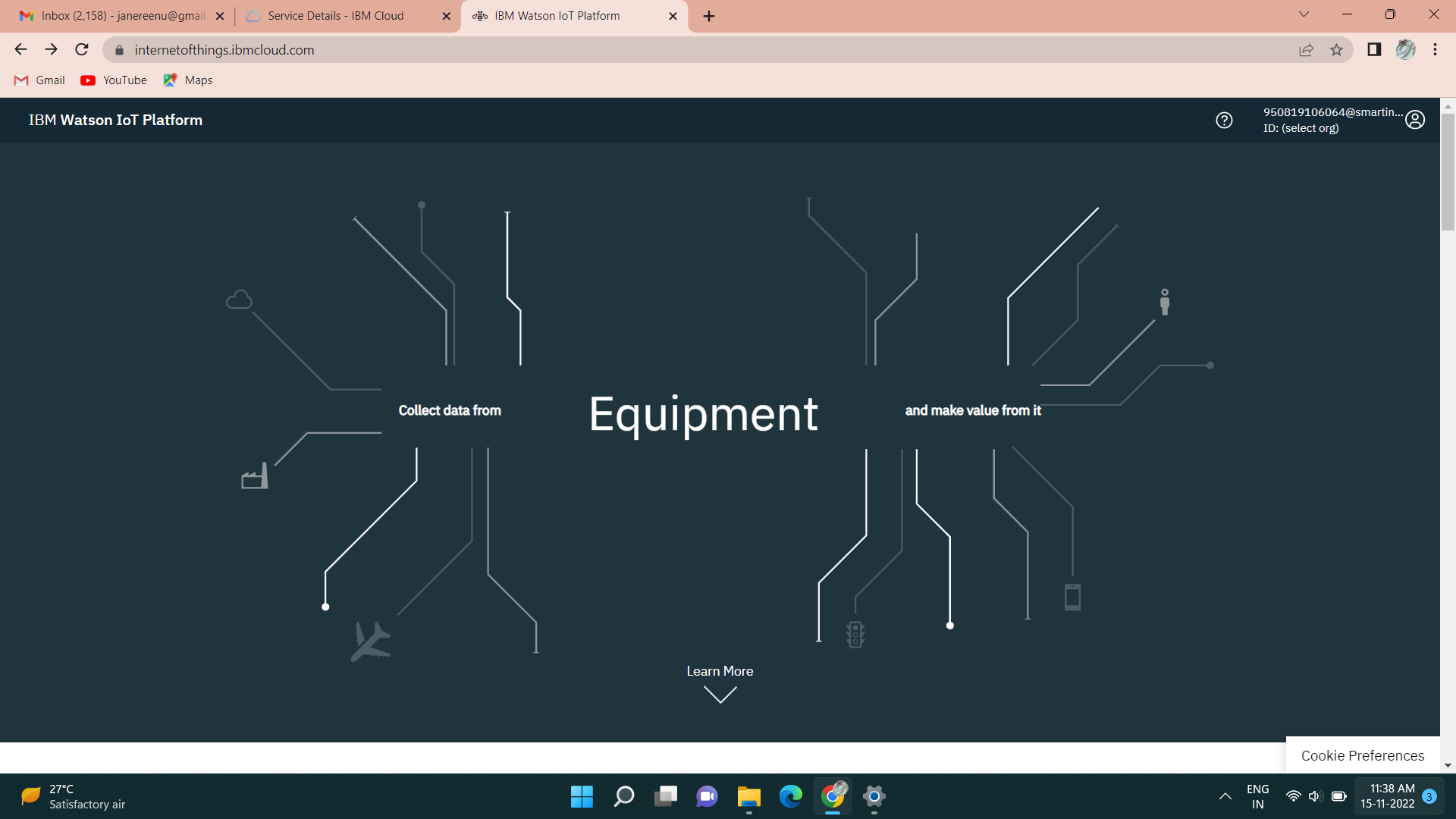
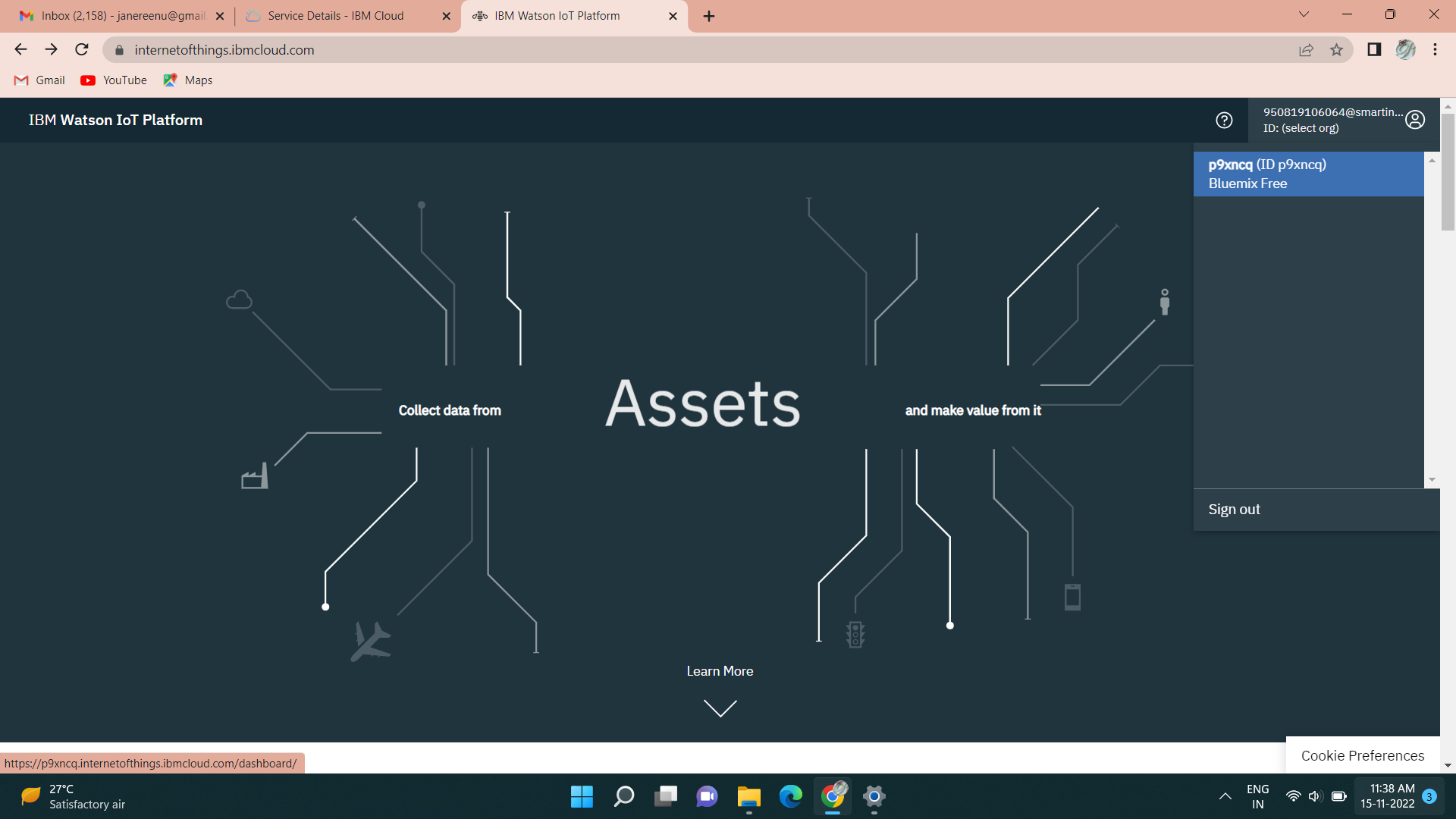
Project Development – Delivery plan sprint-1

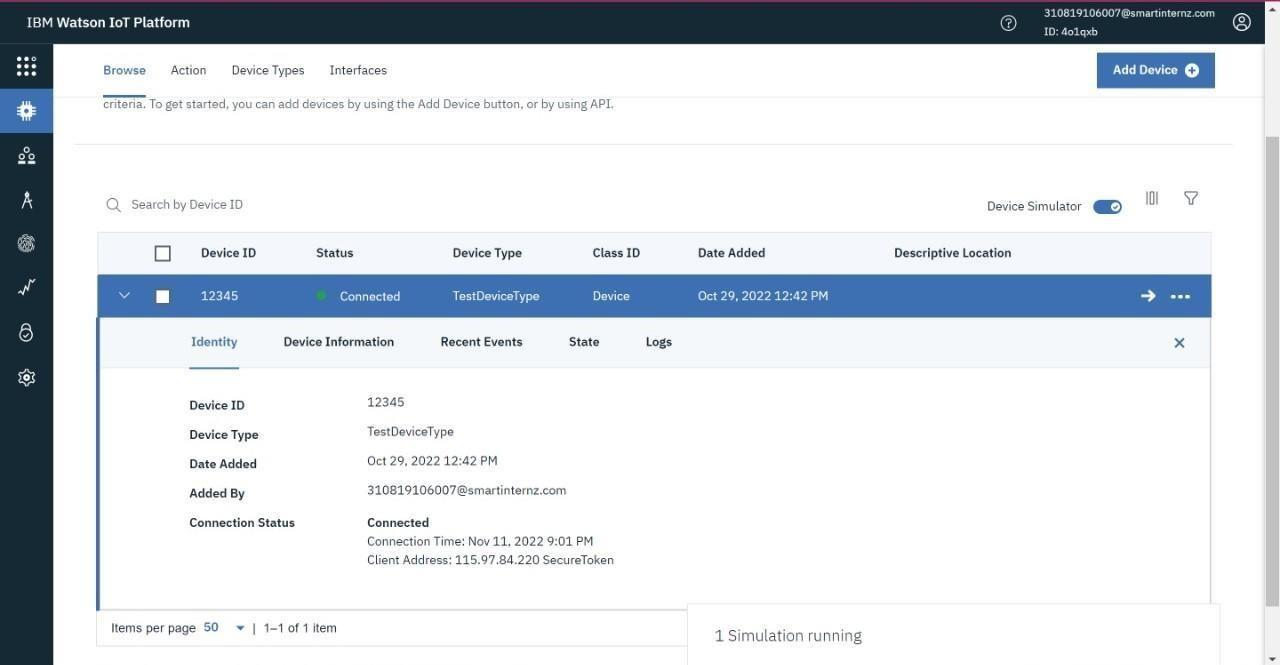
| Date | 3-Nov-2022 |
| --- | --- |
| Team ID | PNT2022TMID33886 |
| Batch | B8-2A4E |
| Project Name | Project - IoT based Safety Gadget for Child Safety Monitoring Notification |

**Creating and Connecting IBM cloud for Project and Python Code**

**Creating IBM Cloud Service and creating the device:**



****

**Creating Python Code:**

import json

import wiotp.sdk.device import time

import random myConfig = {

"identity":{

"orgId": "4o1qxb", "typeId": "TestDeviceType", "deviceId": "12345"

},

"auth": {

"token":"pnhXvzN-sWMKv&hxyi"

}

}

client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None) client.connect()

while True:

name= "Smartbridge" #in area location

latitude= 17.4225176

longitude= 78.5458842 #out area location

#latitude= 17.4219272

#longitude= 78.5488783

myData={'name': name,'lat':latitude, 'lon' :longitude} client.publishEvent(eventId="status", msgFormat="json", data=myData,

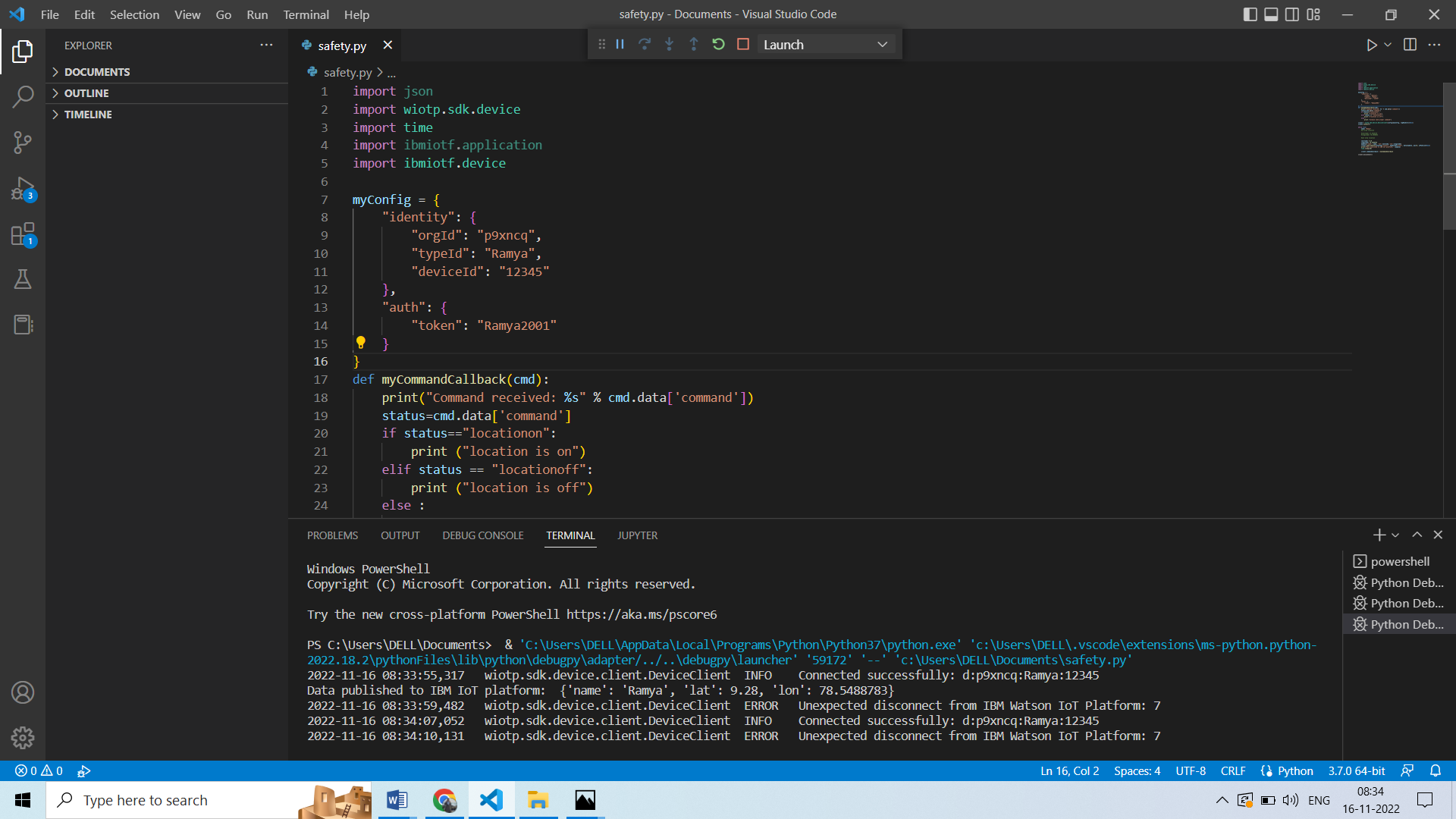
qos=0, onPublish=None)

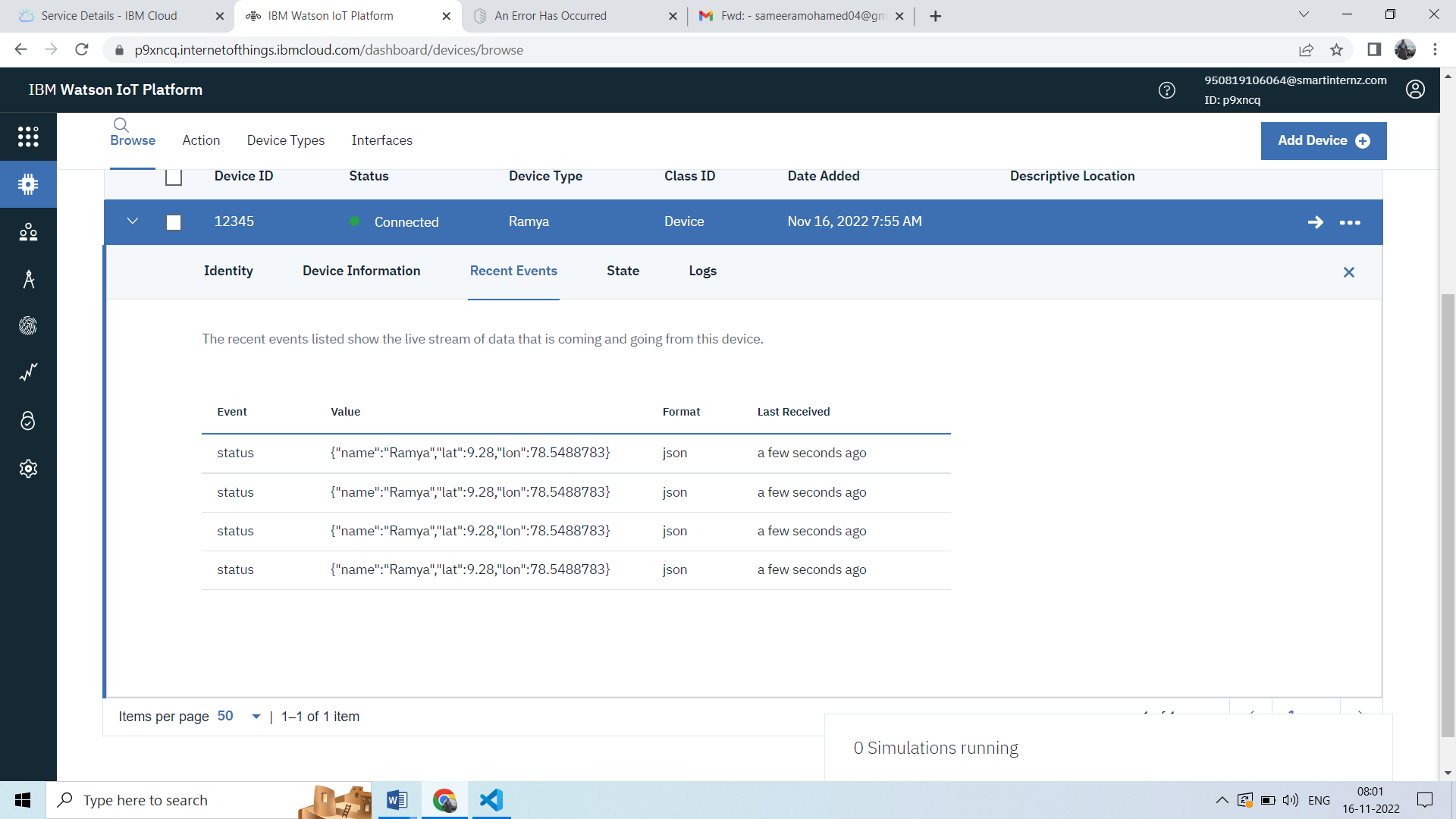
print("Data Published to IBM IoT platfrom: ", myData) time.sleep(5)

client.disconnect()

# Connecting IBM Watson and python Code:

**In-Area Location:**





**Out-Area Location:**

