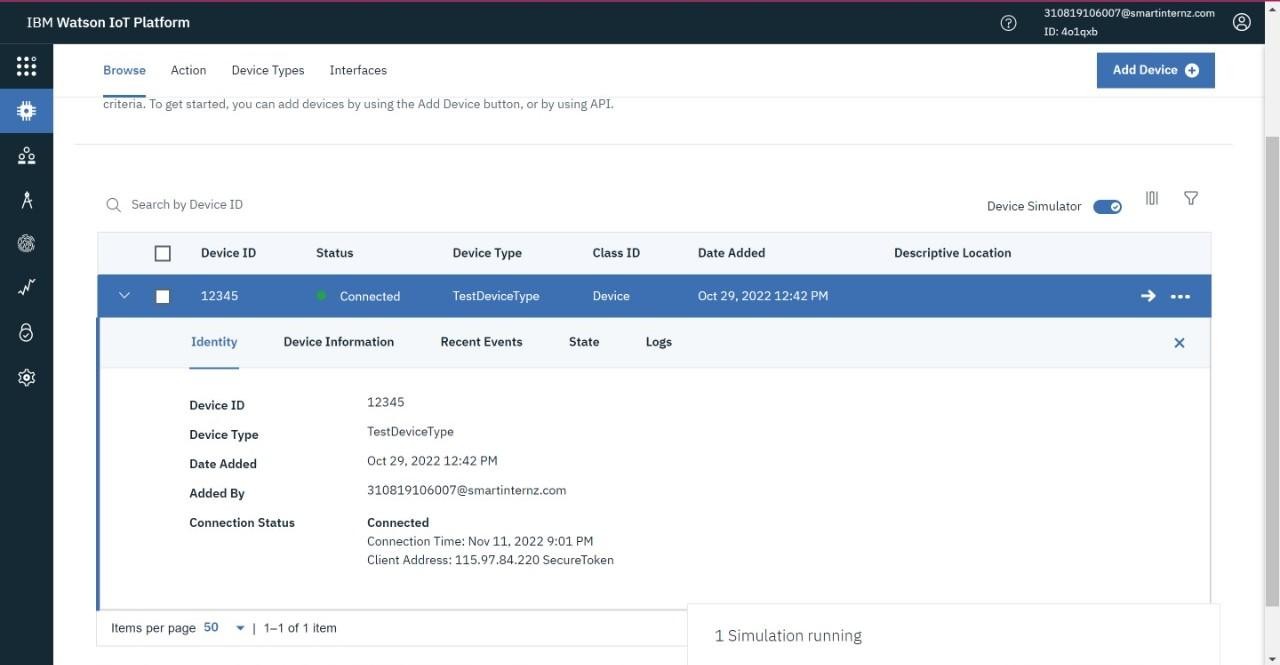
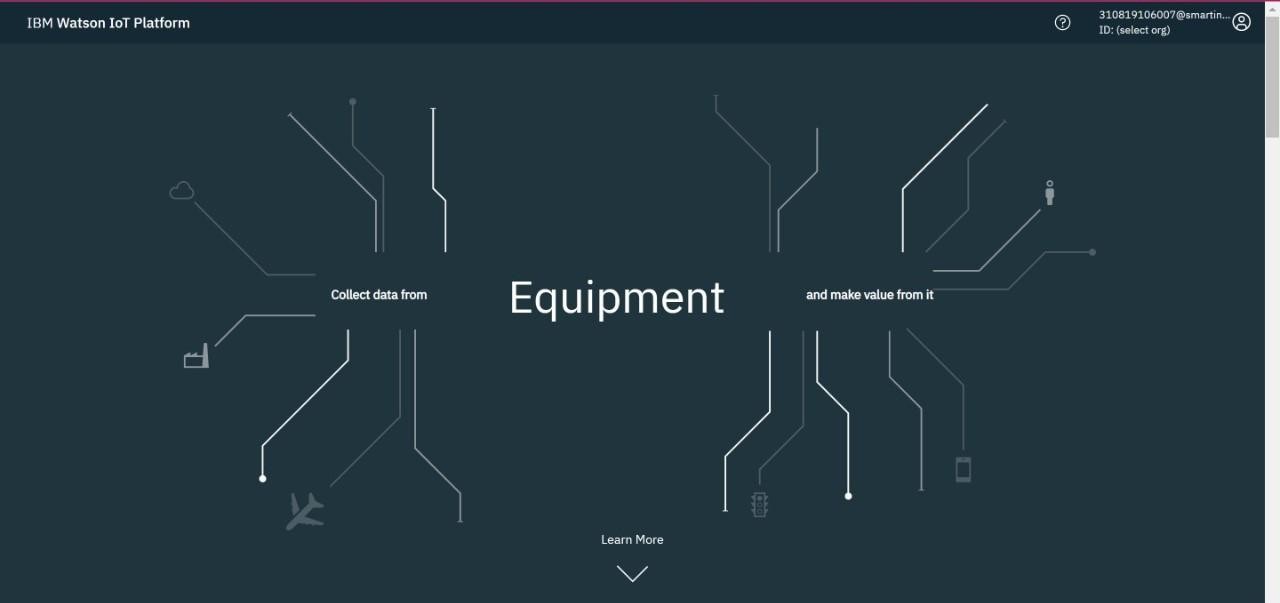
# Project Development –Delivery plan sprint-1

IoT Based Safety Gadget for Child Safety Monitoring & Notification

**TEAM ID:**PNT2022TMID07784

**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,

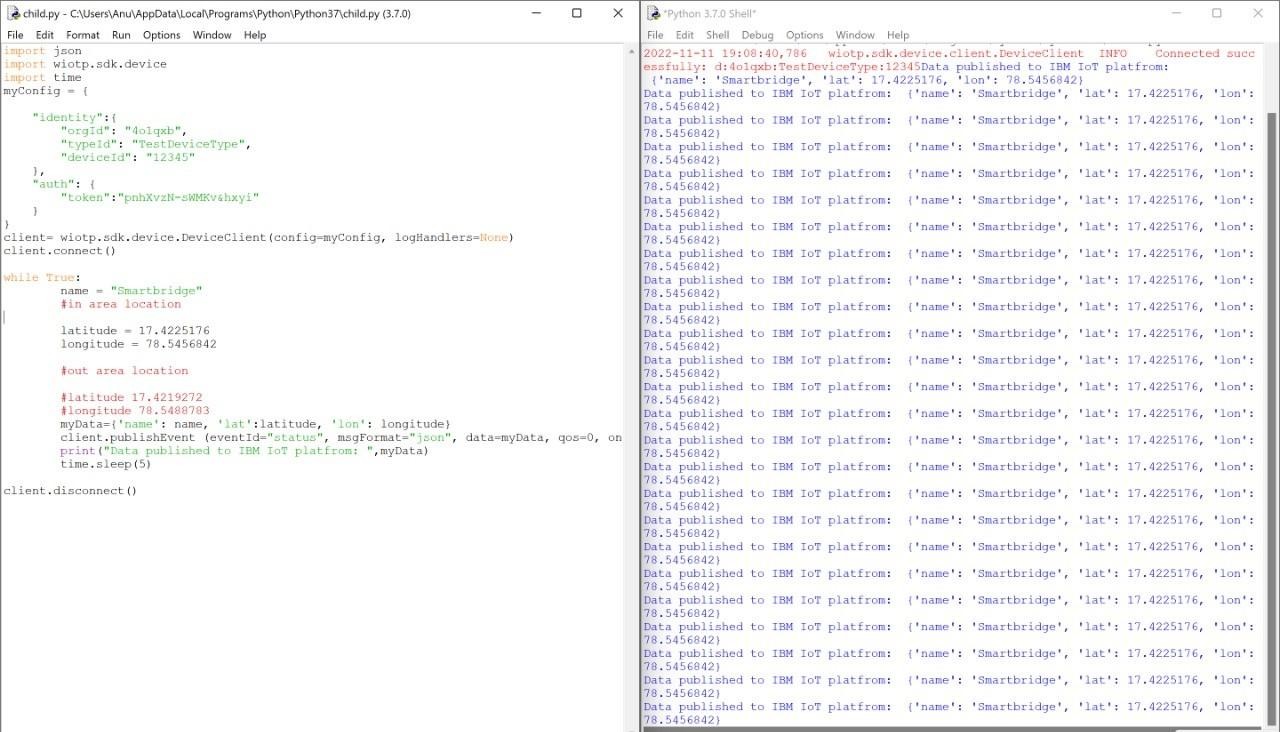
qos=0, onPublish=None)

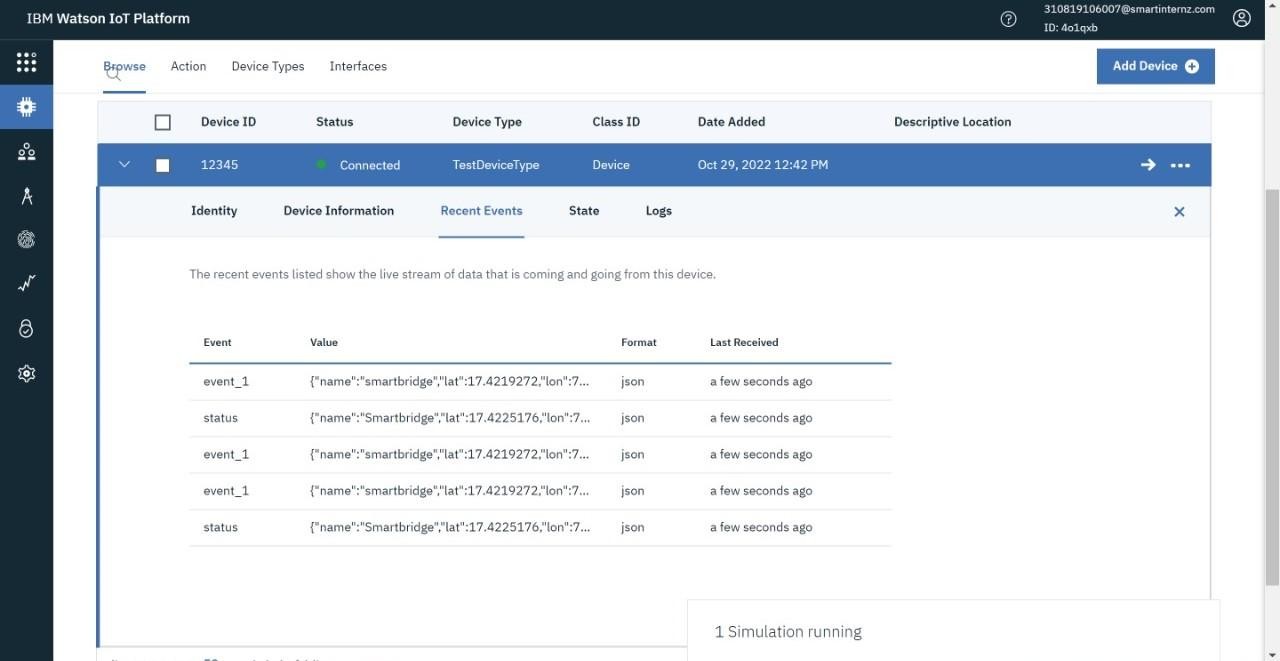
print("Data Published to IBM IoT platfrom: ", myData) time.sleep(5)

client.disconnect()

# Connecting IBM Watson and python Code:

**In-Area Location:**





**Out-Area Location:**

