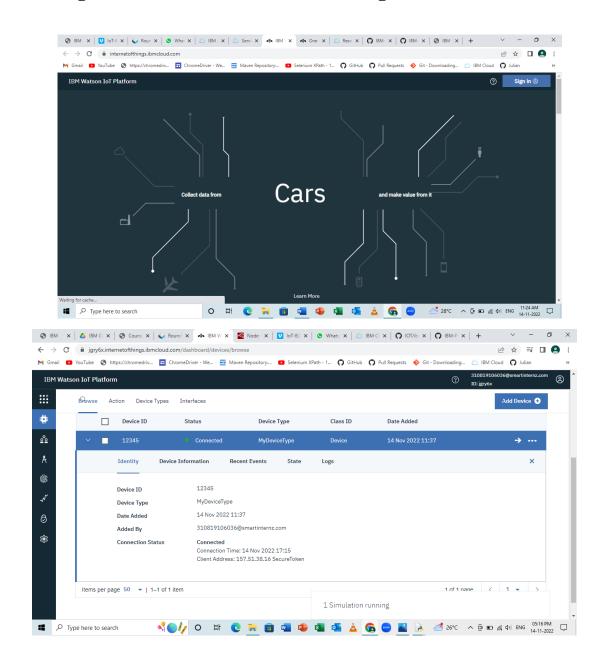
## Project Development –Delivery plan sprint-2

IoT Based Safety Gadget for Child Safety Monitoring & Notification

Team ID: PNT2022TMID20198

Creating and Connecting IBM cloud for Project and Python Code

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

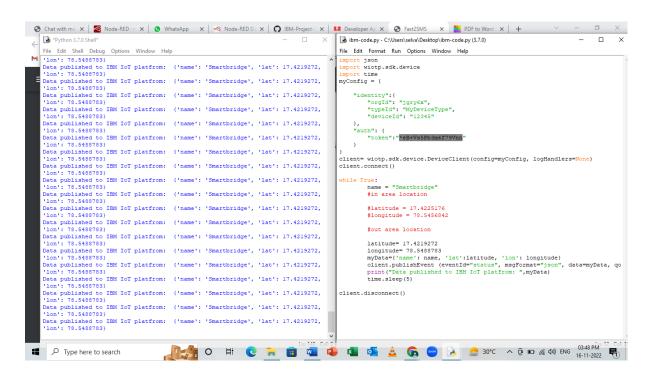


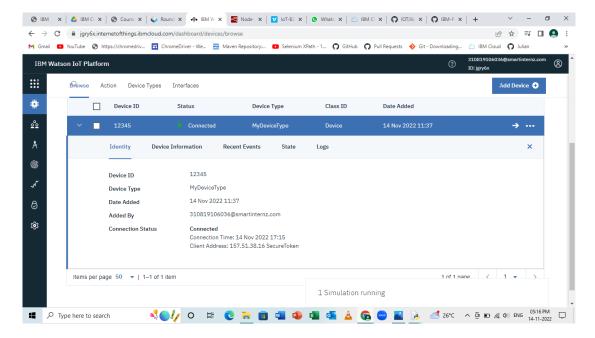
## **Creating Python Code:**

```
import json
import wiotp.sdk.device
import time
import random
myConfig = {
  "identity":{
    "orgId": "jgry6x",
     "typeId": "MyDeviceType",
    "deviceId": "12345"
  },
  "auth": {
    "token": "*eB+Vs5Pb3m6f79Vnn"
  }
}
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:**

