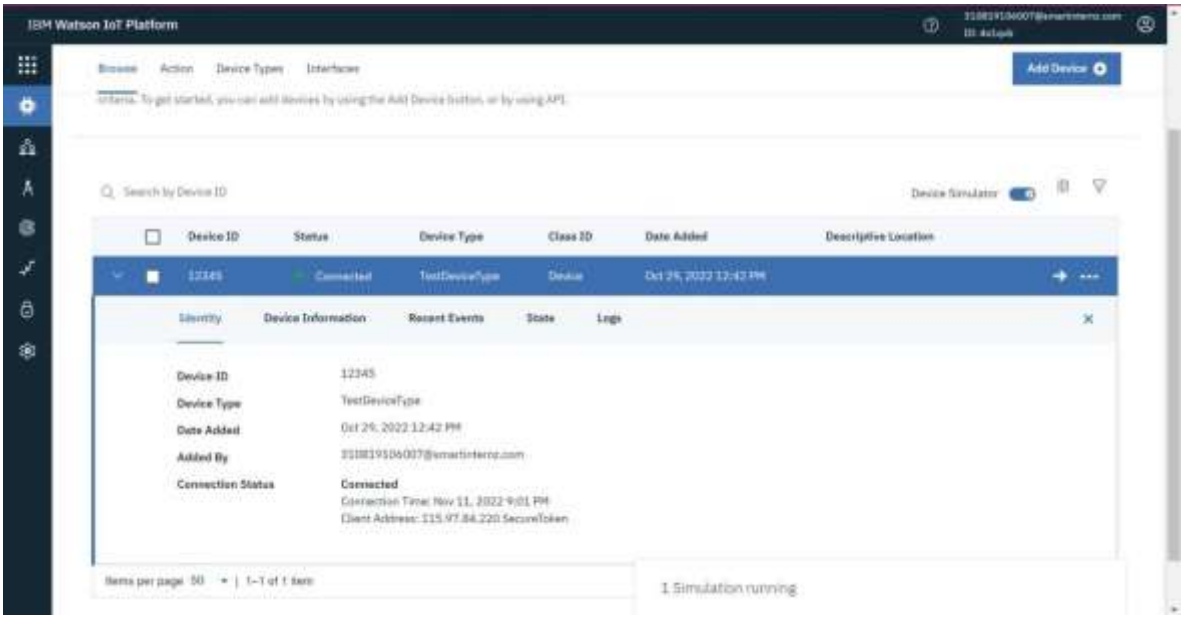
Project Development –Delivery plan sprint-2

Date :	13th Nov 2022
Project Topic :	IoT Based Safety Gadget for Child Safety Monitoring & Notification
Team ID :	PNT2022TMID40778

Creating and Connecting IBM cloud for Project and Python CodeCreating IBM Cloud Service and creating the device:

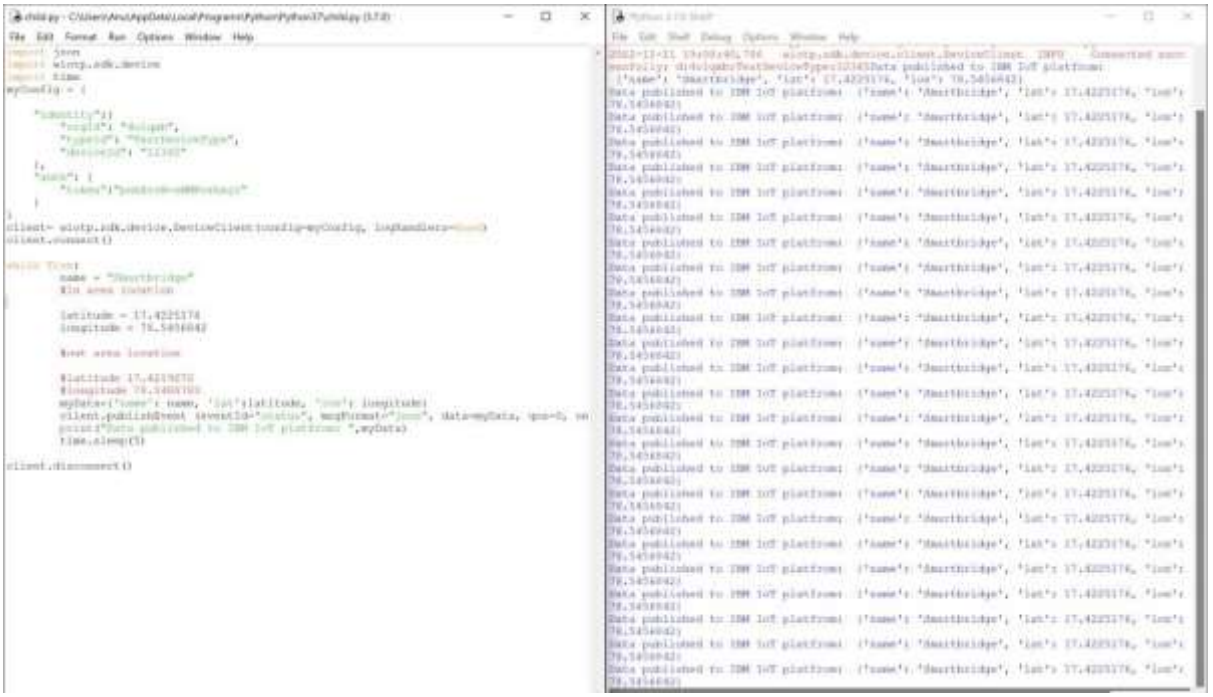


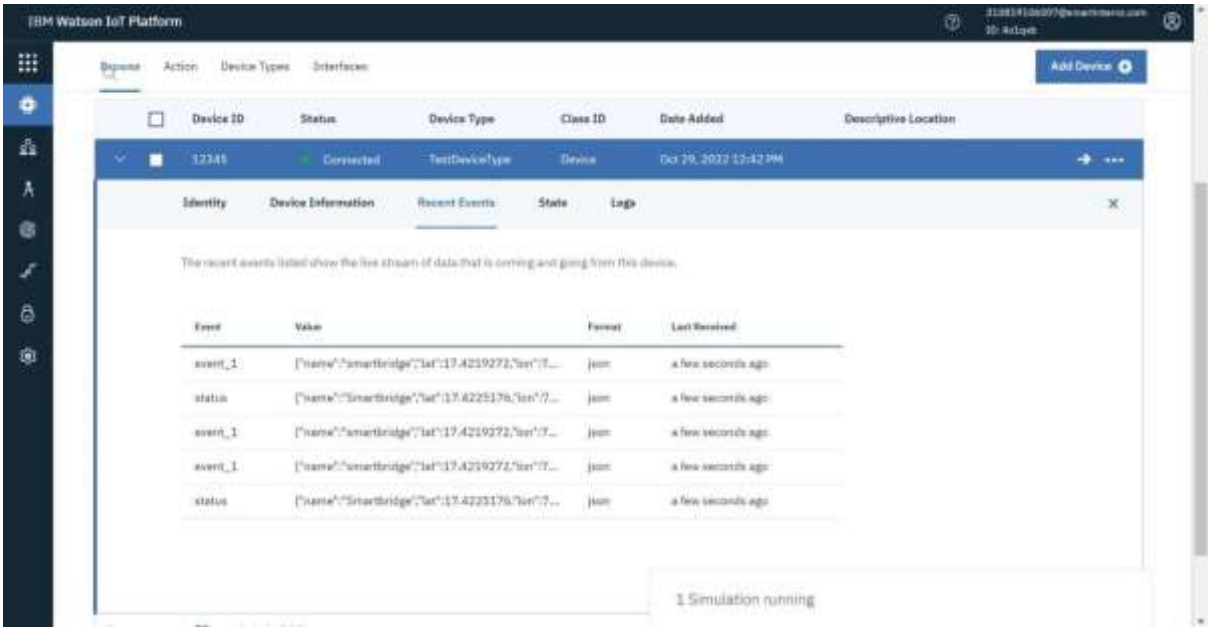
Creating Python Code:

```
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: