

PROJECT DEVELOPMENT PHASE

SPRINT 1

Date	29 October 2022
Team ID	PNT2022TMID18885
Project Name	Project - Personal Assistance for Seniors Who Are Self-Reliant

Sprint-1 - Medicine data (Python script)

Here we are using a python script to generate the random data in IBM Watson platform.

Python Script:

```
#IBM Watson IOT Platform
```

```
#pip install wiotp-sdk
```

```
import wiotp.sdk.device
```

```
import time
```

```
import random
```

```
myConfig = {
```

```
    "identity": {
```

```
        "orgId": "brtbli",
```

```
        "typeId": "Mydevice01",
```

```
        "deviceId": "12345"
```

```
    },
```

```
    "auth": {
```

```
        "token": "9uhV*uqZLpBIHUXugg"
```

```
    }
```

```
}
```

```
def myCommandCallback(cmd):
```

```
    print("Message received from IBM IoT Platform: %s" % cmd.data['command'])
```

```
    m=cmd.data['command']
```

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

```
client.connect()
```

```

while True:

    med="aspirin"

    med1="D Cold"

    myData={'medicine1':med, 'medicine2':med1}

    client.publishEvent(eventId="status",    msgFormat="json",    data=myData,    qos=0,
onPublish=None)

    print("Published data Successfully: %s", myData)

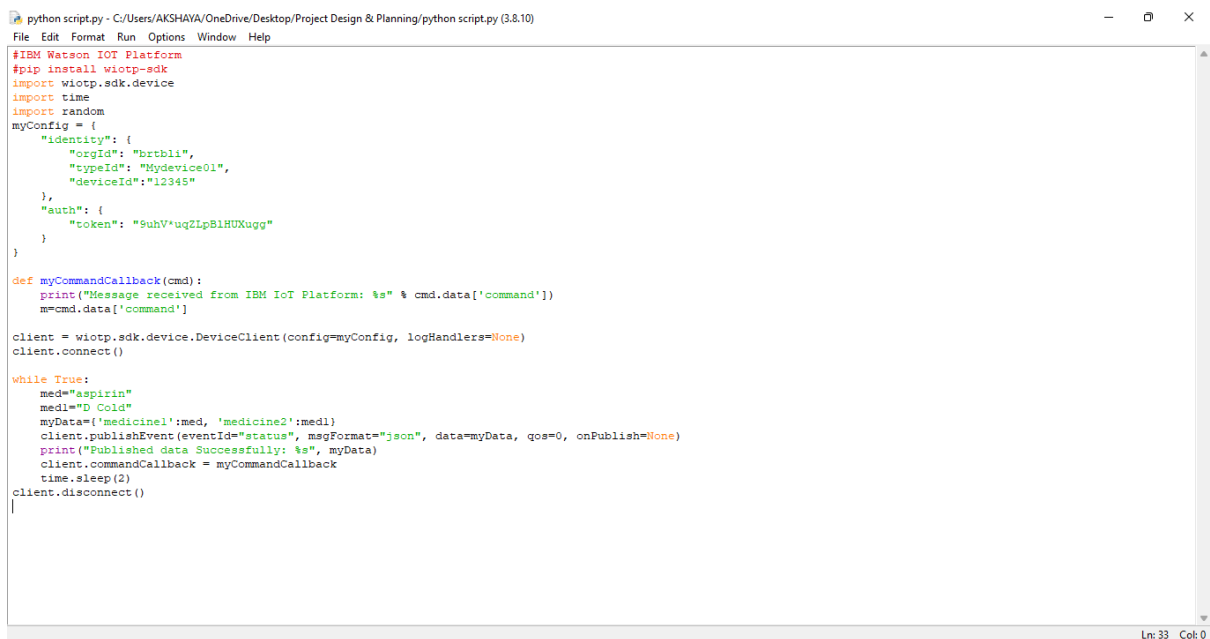
    client.commandCallback = myCommandCallback

    time.sleep(2)

client.disconnect()

```

Output:



```

python script.py - C:/Users/AKSHAYA/OneDrive/Desktop/Project Design & Planning/python script.py (3.8.10)
File Edit Format Run Options Window Help

$IBM Watson IoT Platform
#pip install wiotp-sdk
import wiotp.sdk.device
import time
import random
myConfig = {
    "identity": {
        "orgId": "brtb11",
        "typeId": "Mydevice01",
        "deviceId": "12345"
    },
    "auth": {
        "token": "SuhV*ug2LpB1HUXugg"
    }
}

def myCommandCallback(cmd):
    print("Message received from IBM IoT Platform: %s" % cmd.data['command'])
    m=cmd.data['command']

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

while True:
    med="aspirin"
    med1="D Cold"
    myData={'medicine1':med, 'medicine2':med1}
    client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0, onPublish=None)
    print("Published data Successfully: %s", myData)
    client.commandCallback = myCommandCallback
    time.sleep(2)
client.disconnect()
|
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```

