

### PROJECT DEVELOPMENT OF SPRINT -3

TEAM ID	PNT2022TMID29193
PROJECT NAME	Smart Solutions for Railways

```
import
wiotp.sdk.device

import time
import random

myConfig={
"identity": (
"orgId": "gagtey",
"typeId": "GPS",
"deviceId":"12345"},
"auth": {
"token": "12345678"
}}

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.conne
t() def pub
(data):
client.publishEvent (eventId="status",
msgFormat="json", data=myData, qos=0,
print("Published data Successfully: %s",
myData) while True: myData={'name':
'Train1', 'lat': 17.6387448, 'lon':
78.475433
6) pub
(myData)
time.sleep
(3)

#myData({'name': 'Train2', 'lat':
17.6387448, 'lon':
78.4754336})
```

```
#pub (myData) #time.sleep (3)
myData={'name': 'Train1', 'lat':
17.6341908, 'lon':
78.4744722) pub (myData) time.sleep(3)
myData={'name': 'Train1', 'lat':
17.6340889, 'lon': 78.4745052) pub
(myData) time.sleep(3) myData={'name':
'Train1', 'lat': 17.6248626, 'lon':
78.4720259) pub (myData)
time.sleep (3) myData={'name': 'Train1',
'lat': 17.6188577, 'lon': 78.4698726) pub
(myData) time.sleep (3) myData={'name':
'Train1', 'lat': 17.6132382, 'lon':
78.4707318) pub (myData)
time.sleep (3)
client.commandCallback =
myCommandCallback
client.disconnect()
```