

PROJECT DEVELOPMENT DELIVERY OF SPRINT 3

TeamID	PNT2022TMID47359
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.connect()

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':
78.4754336)
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': 'TrainI', 'lat': 17.6340889, 'lon': 78.4745052)

pub (myData)

time.sleep(3)

myData={'name': 'TrainI', 'lat': 17.6248626, 'lon': 78.4720259)

pub (myData)

time.sleep (3)

myData={'name': 'TrainI', '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()
```