

SPRINT - 3

Date	18 November 2022
Team ID	PNT2022TMID13442
Project Name	Personal Assistance for Seniors Who Are Self- Reliant.

1. Python code for random medicine and time generating :

```
import json
import wiotp.sdk.device
import time
import random
myConfig = {
    "identity": {
        "orgId": "4sqv1g",
        "typeId": "IOT",
        "deviceId": "26102002"
    },
    "auth": {
        "token": "621319106034"
    }
}
client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
client.connect()
for i in range(0,20):
    tablet=["Paracetamol","Aspirine","Azithral","Asthalin","Sinarest"]
    medicinetime=[12.00,1.00,2.00,3.00,5.00,18.00,20.00,7.00]
    name = "Ravi"
    medicine=random.choice(tablet)
    medicinetime=random.choice(medicinetime)
    mydata = {'Patient Name': name, 'Medicine Name': medicine, 'Time': medicinetime}
    client.publishEvent("IoTSensor", "json", data=mydata, qos=0, onPublish=None)
    print("Data published to IBM Watson IOT platform :", mydata)
    time.sleep(5)
client.disconnect()
```

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IBM

IBM App Develop

Node-RED : node

ci-pipeline Dash

Service Details

IBM Watson IoT

WhatsApp

4sqv1g.internetofthings.ibmcloud.com/dashboard/devices/browse

IBM Watson IoT Platform

karthickc26102002@gmail.com
ID: 4sqv1g

Browse

Action

Device Types

Interfaces

Add Device

26102002

Disconnected

IOT

Device

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Identity

Device Information

Recent Events

State

Logs

The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
IoTSensor	{"Patient Name":"Ravi","Medicine Name":"Parac...	json	a few seconds ago
IoTSensor	{"Patient Name":"Ravi","Medicine Name":"Sinare...	json	a few seconds ago
IoTSensor	{"Patient Name":"Ravi","Medicine Name":"Aspiri...	json	a few seconds ago
IoTSensor	{"Patient Name":"Ravi","Medicine Name":"Sinare...	json	a few seconds ago
IoTSensor	{"Patient Name":"Ravi","Medicine Name":"Aspiri...	json	a few seconds ago

0 Simulations running

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