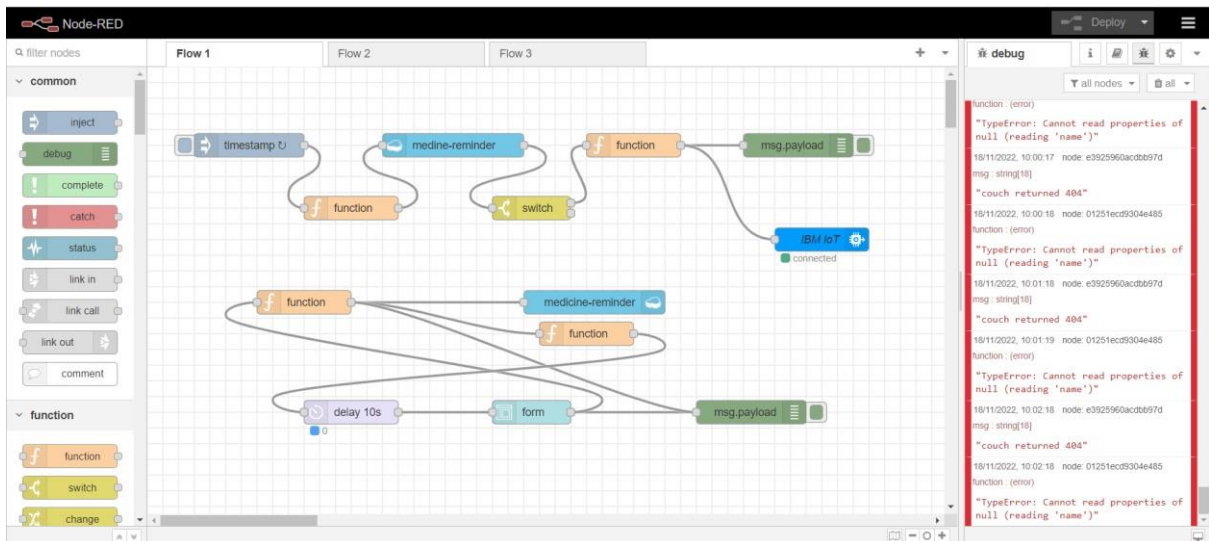


## SPRINT-4

DATE	18 NOVEMBER 2022
TEAM ID	PNT2022TMID25041
PROJECT NAME	PROJECT-PERSONAL ASSISTANCE FOR SENIORS WHO ARE SELF-RELIANT
MAXIMUM MARKS	20 MARKS

### NODE RED:





```

time import random
myConfig = {
    "identity": {
        "orgId": "qq2hy2",
        "typeId": "VSVS_DEVICETYPE",
        "deviceId": "vsvs7501"
    },
    "auth": {
        "token": "UHBu-JRqfLL_pqOb4r"
    }
}
client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
client.connect() for i in range(0,20):
    tablet=["Paracetamol","Aspirine","Dolo 650","Insulin","Vicks"]
    medicinetime=[12.00,1.00,2.00,3.00,5.00,18.00,20.00,7.00] name
    = "Madhu"
    medicine=random.choice(tablet)
    medicinetime=random.choice(medicinetime)
    mydata = {'Patient Name': name, 'Medicine Name': medicine, 'Time': medicinetime}
    client.publishEvent("MEDICINE REMINDER", "json", data=mydata, qos=0, onPublish=None)
    print("Data published to IBM IOT platform :", mydata) time.sleep(5) client.disconnect()

```

PYTHON CODE IN PYTHON 3.7:

```
File Edit Format Run Options Window Help
import json
import wiotp.sdk.device
import time
import random
myConfig = {
    "identity": {
        "orgId": "qq2hy2",
        "typeId": "VSVS_DEVICETYPE",
        "deviceId": "vsvs7501"
    },
    "auth": {
        "token": "URBu-JRqfLL_pQOb4r"
    }
}
client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
client.connect()
for i in range(0,20):
    tablet=["Paracetamol","Aspirine","Dolo 650","Insulin","Vicks"]
    medicinetime=[12.00,1.00,2.00,3.00,5.00,18.00,20.00,7.00]
    name = "Madhu"
    medicine=random.choice(tablet)
    medicinetime=random.choice(medicinetime)
    mydata = {'Patient Name': name, 'Medicine Name': medicine, 'Time': medicinetime}
    client.publishEvent("MEDICINE REMINDER", "json", data=mydata, qos=0, onPublish=None)
    print("Data published to IBM IOT platform :", mydata)
    time.sleep(5)
client.disconnect()
```

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## OUTPUT:

```
Python 3.7.0 Shell
File Edit Shell Debug Options Window Help
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AMD64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/Latha/Desktop/name.py =====
2022-11-17 19:55:27,840 wiotp.sdk.device.client.DeviceClient INFO Connected successfully: d:qq2hy2:VSVS_DEVICETYPE:vsvs7501
Data published to IBM IOT platform : {'Patient Name': 'Madhu', 'Medicine Name': 'Vicks', 'Time': 2.0}
Data published to IBM IOT platform : {'Patient Name': 'Madhu', 'Medicine Name': 'Aspirine', 'Time': 18.0}
Data published to IBM IOT platform : {'Patient Name': 'Madhu', 'Medicine Name': 'Paracetamol', 'Time': 20.0}
Data published to IBM IOT platform : {'Patient Name': 'Madhu', 'Medicine Name': 'Dolo 650', 'Time': 7.0}
Data published to IBM IOT platform : {'Patient Name': 'Madhu', 'Medicine Name': 'Insulin', 'Time': 2.0}
Data published to IBM IOT platform : {'Patient Name': 'Madhu', 'Medicine Name': 'Dolo 650', 'Time': 12.0}
Data published to IBM IOT platform : {'Patient Name': 'Madhu', 'Medicine Name': 'Paracetamol', 'Time': 18.0}
Data published to IBM IOT platform : {'Patient Name': 'Madhu', 'Medicine Name': 'Paracetamol', 'Time': 20.0}
Data published to IBM IOT platform : {'Patient Name': 'Madhu', 'Medicine Name': 'Aspirine', 'Time': 18.0}
Data published to IBM IOT platform : {'Patient Name': 'Madhu', 'Medicine Name': 'Vicks', 'Time': 2.0}
Data published to IBM IOT platform : {'Patient Name': 'Madhu', 'Medicine Name': 'Insulin', 'Time': 12.0}
Data published to IBM IOT platform : {'Patient Name': 'Madhu', 'Medicine Name': 'Aspirine', 'Time': 7.0}
Data published to IBM IOT platform : {'Patient Name': 'Madhu', 'Medicine Name': 'Paracetamol', 'Time': 12.0}
Data published to IBM IOT platform : {'Patient Name': 'Madhu', 'Medicine Name': 'Vicks', 'Time': 3.0}
Data published to IBM IOT platform : {'Patient Name': 'Madhu', 'Medicine Name': 'Paracetamol', 'Time': 12.0}
```

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## OUTPUT IN IBM WATSON IoT PLATFORM:



