

IoT Based Safety Gadget for Child Safety Monitoring & Notification

Sprint-2

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Python code for connecting Watson iot and Nodered

```
import json
import wiotp.sdk.device
import time
import random

myConfig = {
    "identity":{
        "orgId": "q6wu16",
        "typeId": "NodeMCU",
        "deviceId": "Test"
    },
    "auth": {
        "token": "O7Wygbmfhub0vUlbe5"
    }
}

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

while True:
    name= "Child Tracker"
```

```
#in area location
```

```
latitude=8.72444
```

```
longitude=78.10808
```

```
#out area location
```

```
#latitude=8.72444
```

```
#longitude=78.10808
```

```
myData={'name': name,'lat':latitude,'lon':longitude}
```

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

```
print("Data published to IBM IoT Platform:", myData)
```

```
time.sleep(5)
```

```
client.disconnect()
```