IoT Based Safety Gadget for Child Safety Monitoring & Notification

Final Deliverables

Final code

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

myConfig = {
    "identity":{
        "orgId": "q6wu16",
        "typeId": "NodeMCU",
        "deviceId": "Test"
    },
    "auth": {
        "token": "O7Wygbmfnub0vUlbE5"
    }
```

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

while True:
    name= "Grace"

    #in area location
    latitude=17.4219272
    longitude=78.5488783

    #out area location
    #latitude=17.4215281
    #longitude=78.592361

    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()
```