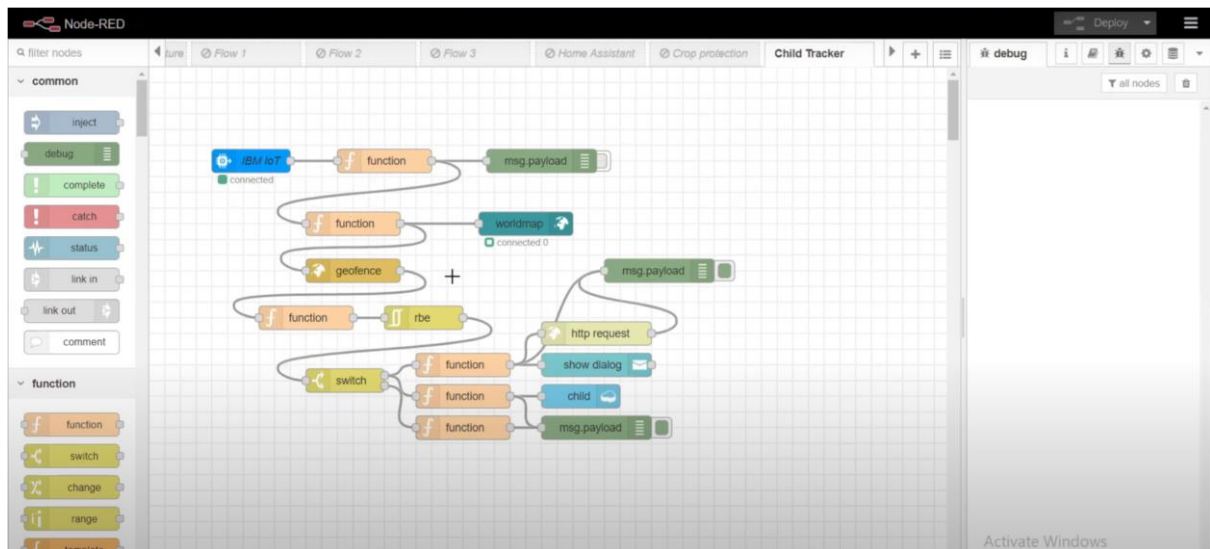# Develop The Web Application Using Node-RED

Aim: Develop the web application using Node-RED Steps
Followed:

- Opened a Node-RED project

- Added code to get child location in python



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

myConfig = {
    "identity": {
        "orgId": "hj5fmy",
        "typeId": "NodeMCU",
        "deviceId": "12345"
    },
    "auth": {
        "token": "12345678"
    }
}
client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
client.connect()

while True:
        name= "Smartbridge"
        #in area location

        latitude= 17.4225176
        longitude= 78.5458842

        #out area location

        #latitude= 17.4219272
        #longitude= 78.5488783
        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 platfrom: ",myData)
        time.sleep(5)

client.disconnect()
```
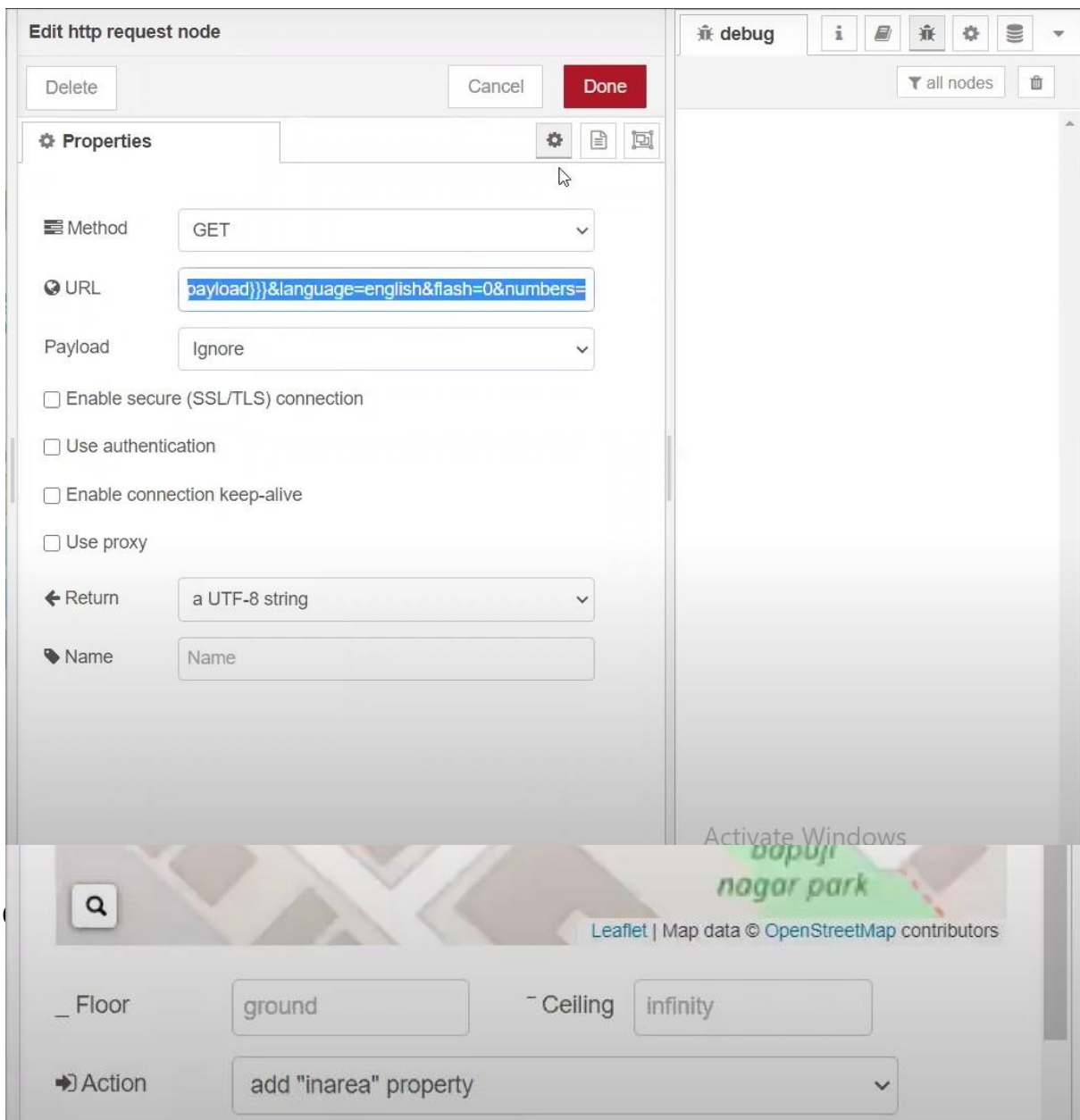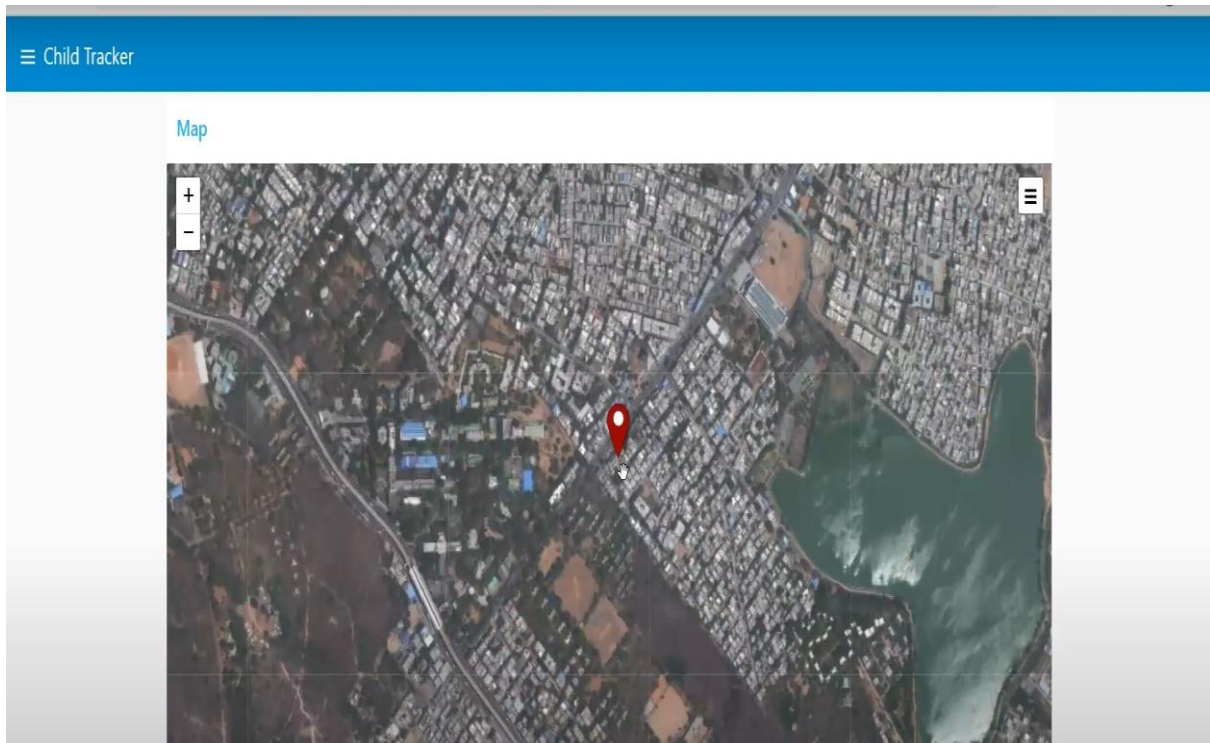
**Edit http request node**

Delete                                        Cancel    Done

## ⚙ Properties

**Method**    GET

**URL**    payload}}}&language=english&flash=0&numbers=

**Payload**    Ignore

☐ Enable secure (SSL/TLS) connection

☐ Use authentication

☐ Enable connection keep-alive

☐ Use proxy

**← Return**    a UTF-8 string

**🏷 Name**    Name

**debug**    i   📖   🐞   ⚙   🗄   ▾

▼ all nodes   🗑

*bapuji*
*nagar park*

Leaflet | Map data © OpenStreetMap contributors

🔍

_ **Floor**    ground    ˉ **Ceiling**    infinity

**→ Action**    add "inarea" property

- Located the child
  Created the geofence node

- Python script sending requests to IBM Cloud After running the script, the web UI

shows "Person is not in the

particular area"



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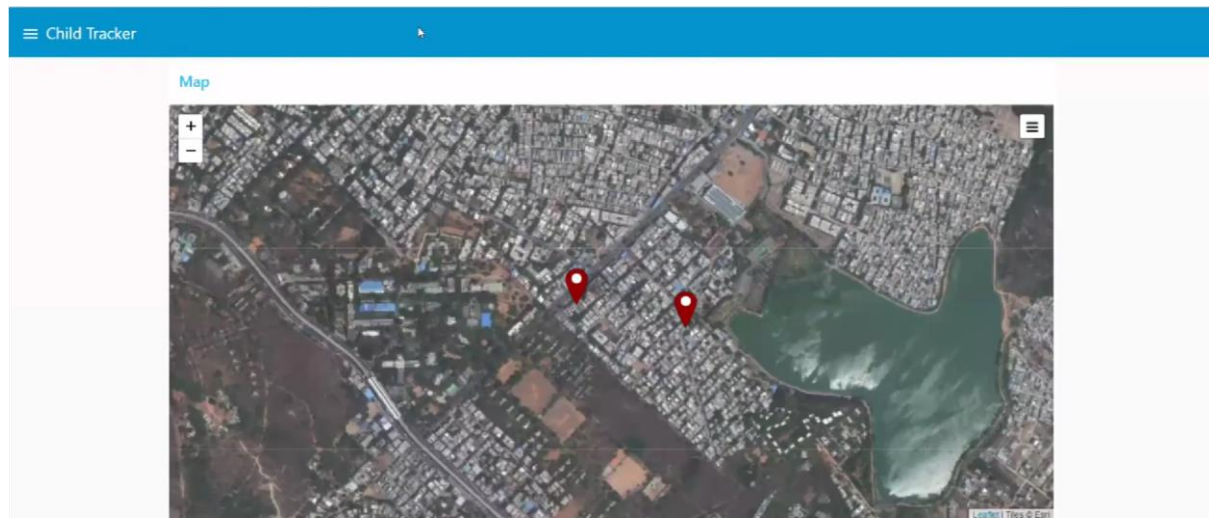
Result: Successfully developed the web application using Node-RED