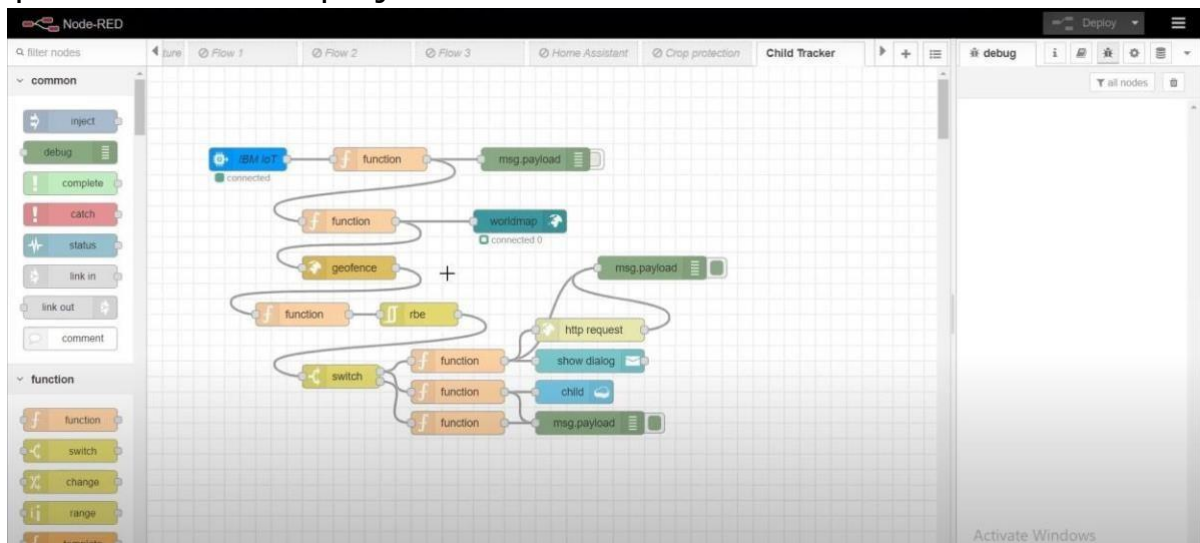# Team ID :PNT2022TMID44577
Develop The Web Application Using Node-RED

Aim:Develop the Webapplication Using NodeRED Services
Following Step:

- OpenedaNode-REDproject

- Addedcodetogetchildlocationinpython

```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()
```
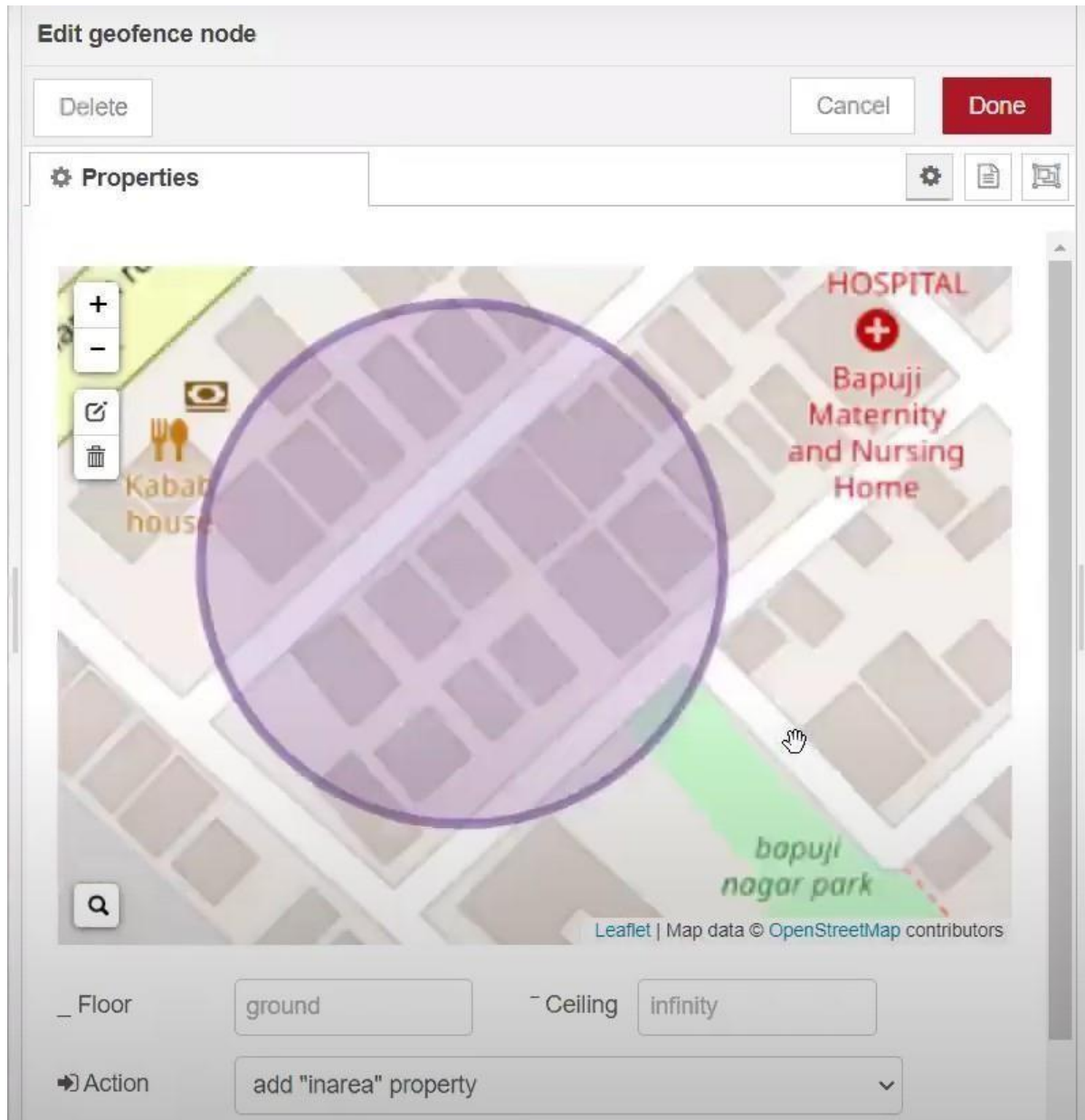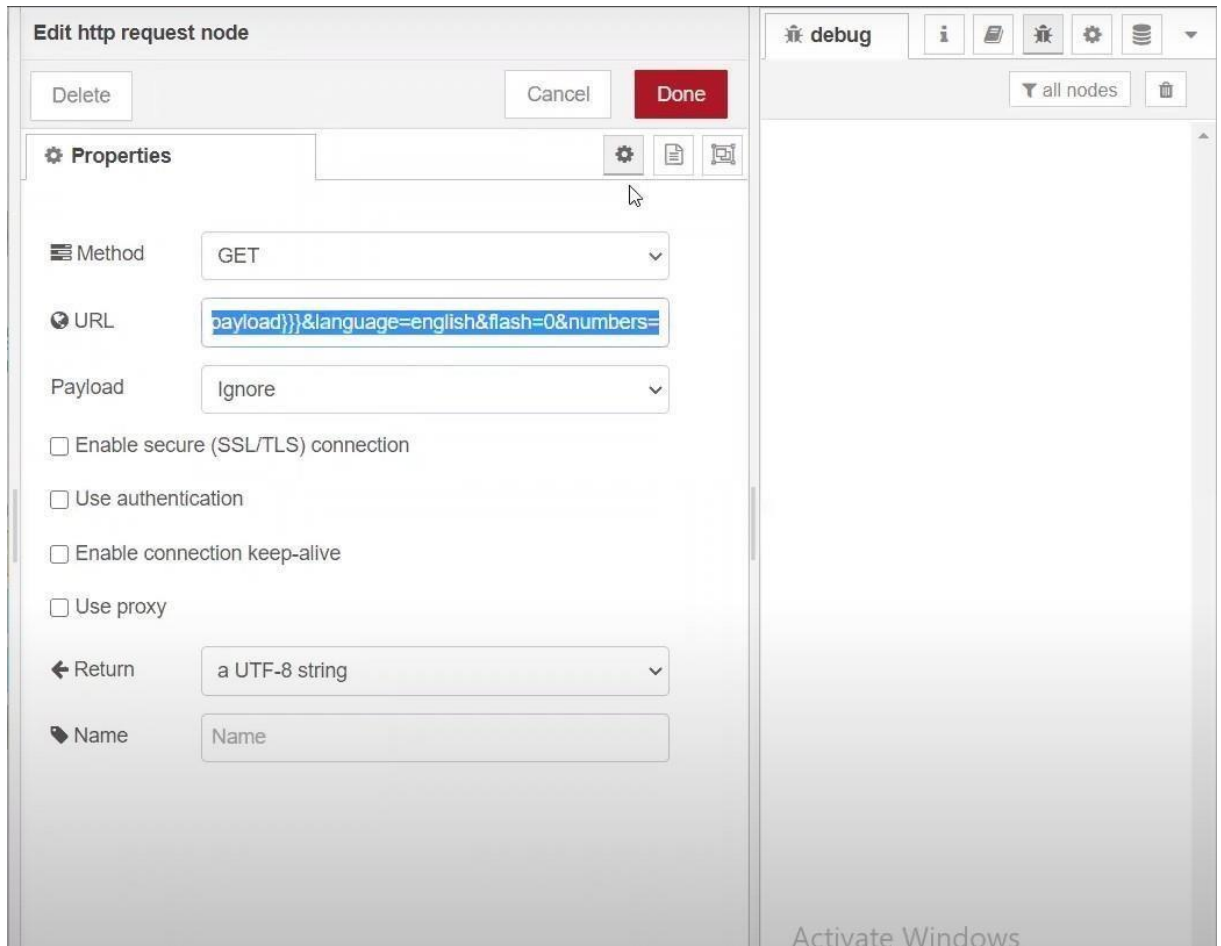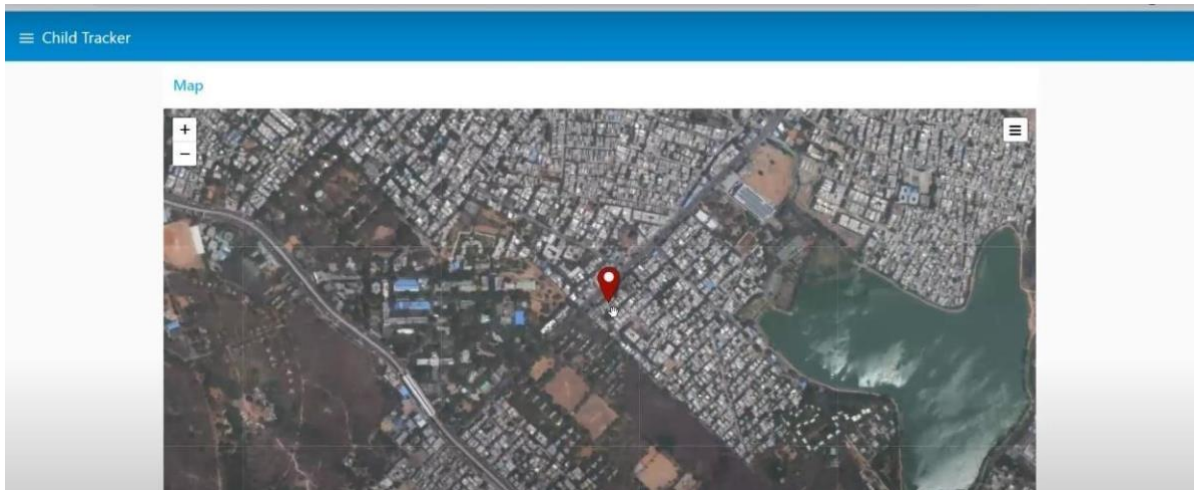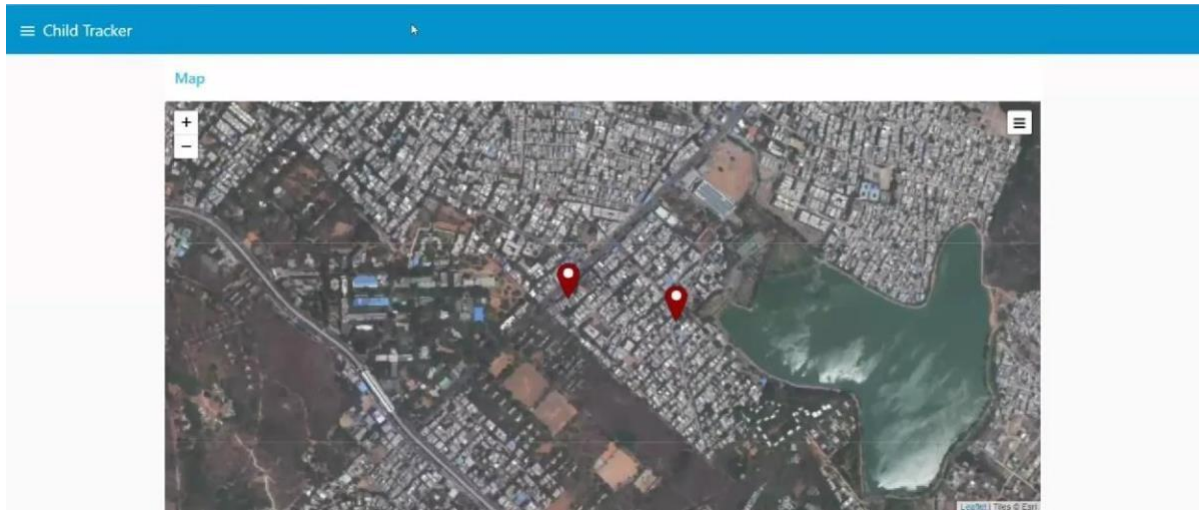
- CreatedtheGeoFence

EditingtheHTTPRequestURL

-

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 🗑

- Locatedthechild

= Child Tracker

Map

Createdthegeofencenode

-

- PythonscriptsendingrequeststoIBMCloud

Afterrunningthescript,thewebUIshows"Personisnotintheparticularar
ea"

-

Result:Successfully Developed The webapplication Using Node-RED
Services