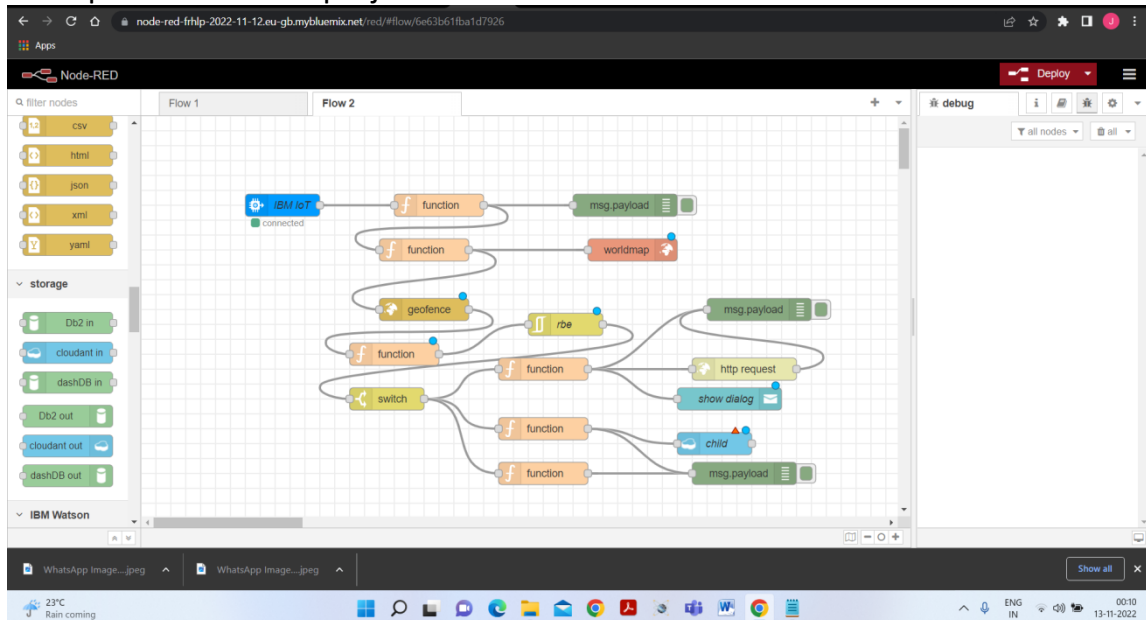


Develop The Web Application Using Node-RED

1. To Develop the web application using Node-RED

Steps :

1. Open a Node-RED project



2. Add code to get child location in python

```
location.py - C:\Users\admin\Desktop\location.py (3.7.0)
File Edit Format Run Options Window Help
import json
import wiotp.sdk.device
import time

myConfig = {
    "identity": {
        "orgId": "hjsfmy",
        "typeId": "NodeMCU",
        "deviceId": "12345",
    },
    "auth": {
        "token": "12345678"
    }
}

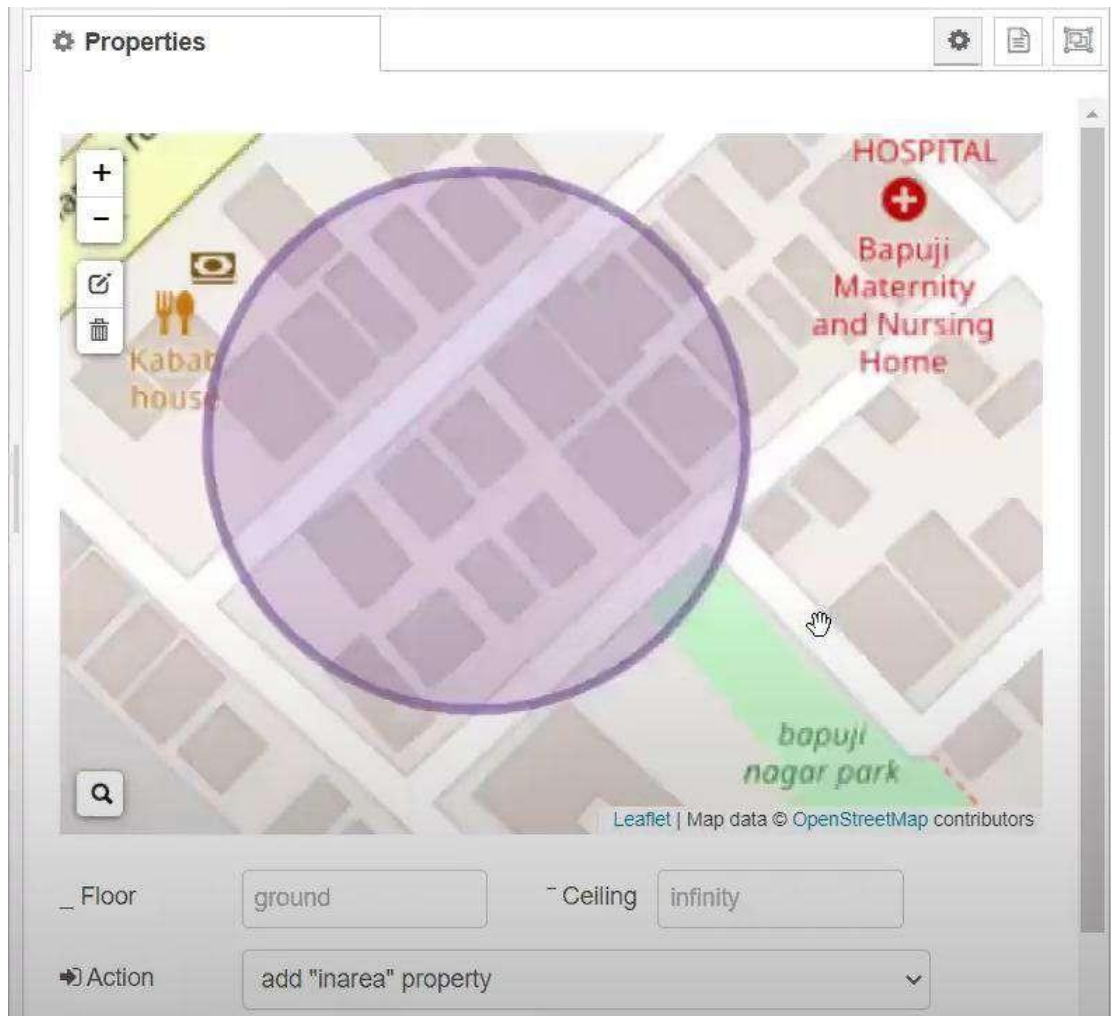
client = wiotp.sdk.device.DeviceClient (config = myConfig, logHandlers=None)
client.connect()

while True:
    name = "smartbridge"
    #in area location
    latitude = 17.4225176
    longitude = 78.5458842
    #out area location

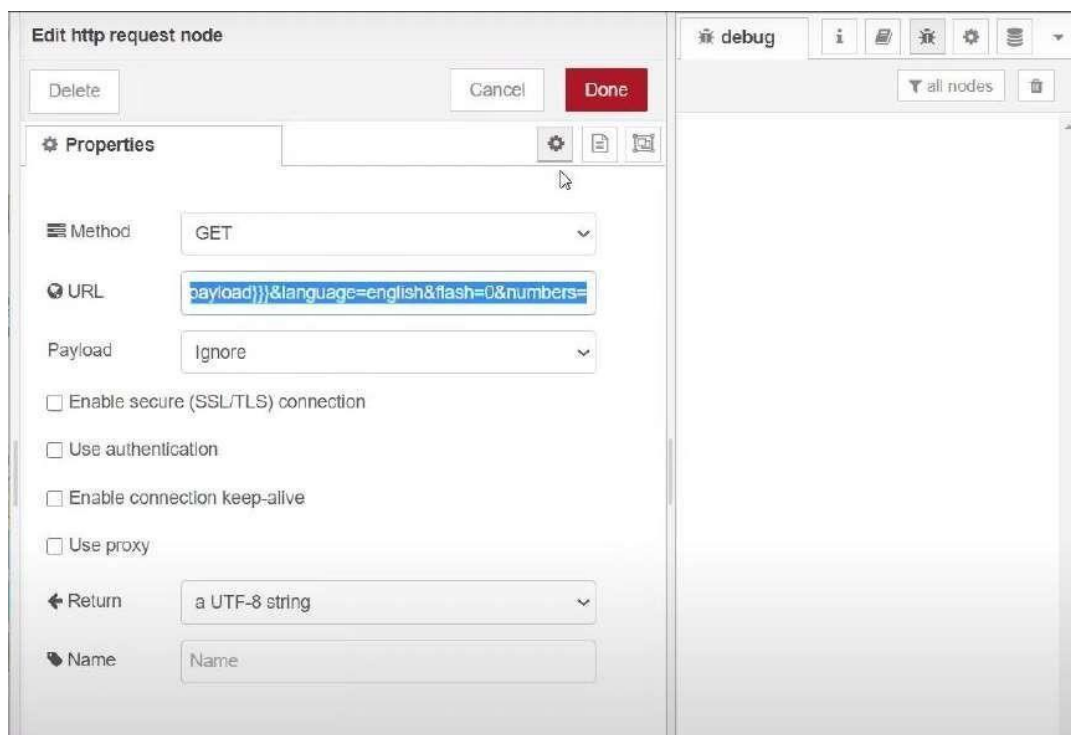
    latitude = 17.4219272
    longitude = 78.5488783
    myData = {'name': name, 'lat': latitude, 'lon': longitude}
    client.publishEvent (eventId="status", msgFormat="json", data=myData, qos=0, onpublish=None)
    print("Data published to IBM IoT platform:", myData)
    time.sleep(5)

client.disconnect()
```

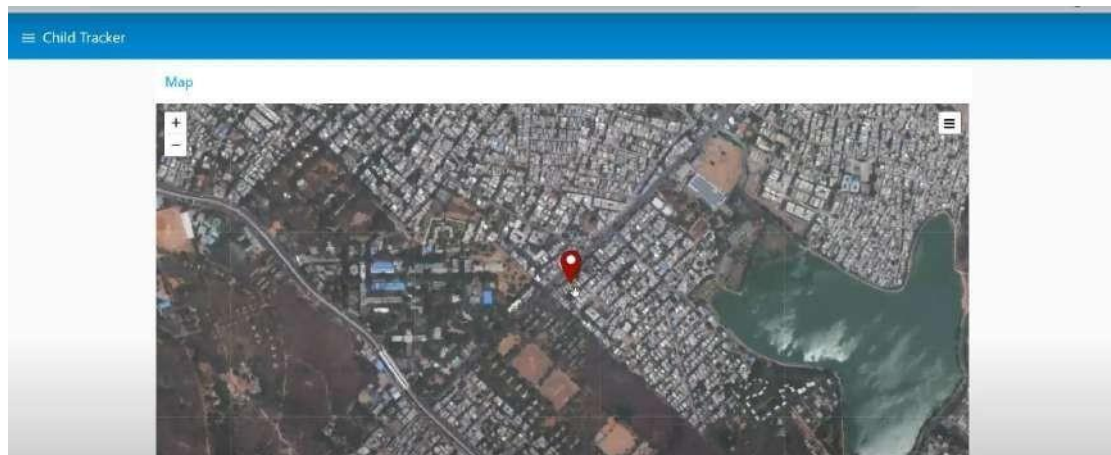
3. Create the GeoFence



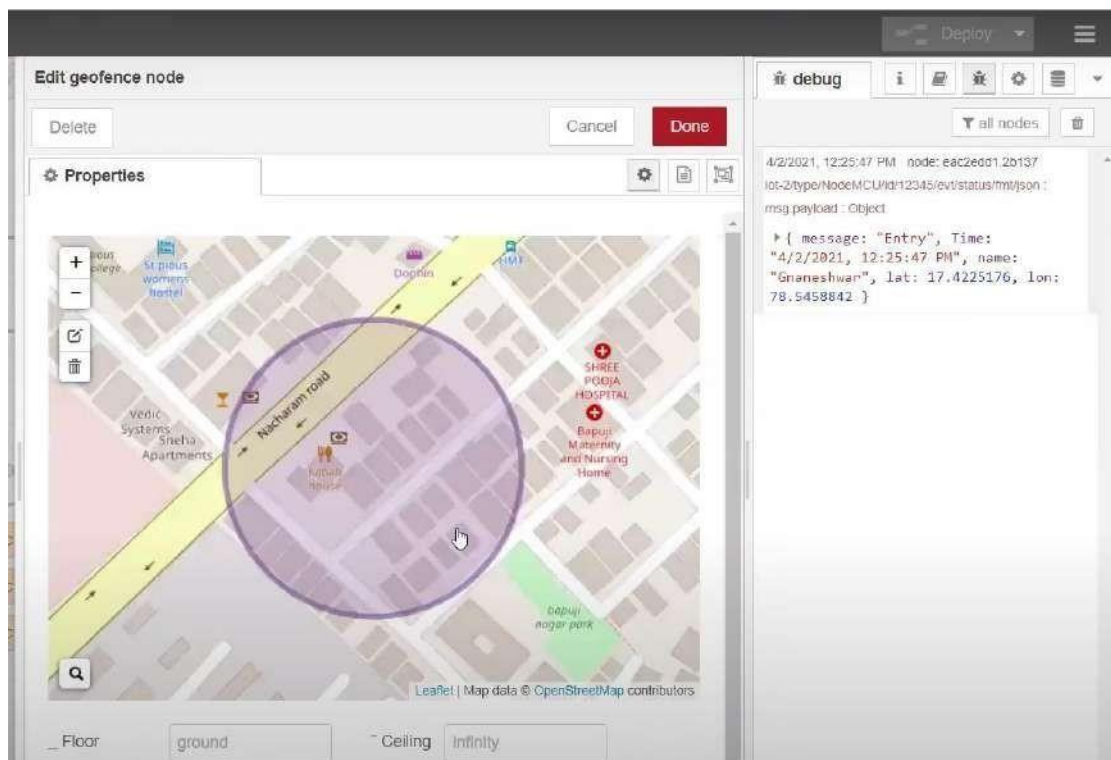
4. Edit the HTTP Request URL



5. Locate the child



6. Create the geofence node



7. Python script send requests to IBM Cloud

