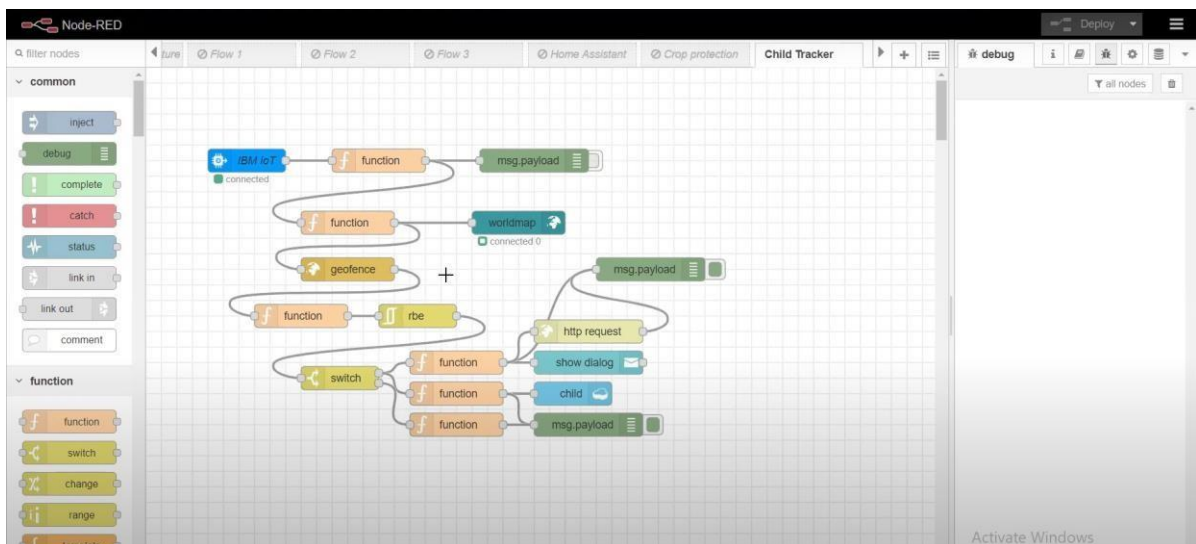


Develop The Web Application Using Node-RED

TEAM ID	PNT2022TMID45478
PROJECT NAME	PROJECT- SMART WASTE MANGEMENT FOR METROPOLITAN CITIES

- Opened a Node-RED project



- Added code to get child location in python

```
nodecode.py - C:/Users/AK/Desktop/project/nodecode.py (3.7.2)
File Edit Format Run Options Window Help

import json
import wiotp.sdk.device
import time

myconfig = {
    "identity":{
        "orgId":"ctmv6u",
        "typeId":"NodeMCU",
        "deviceId":"106003"
    },
    "auth":{
        "token":"123456789"
    }
}

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

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

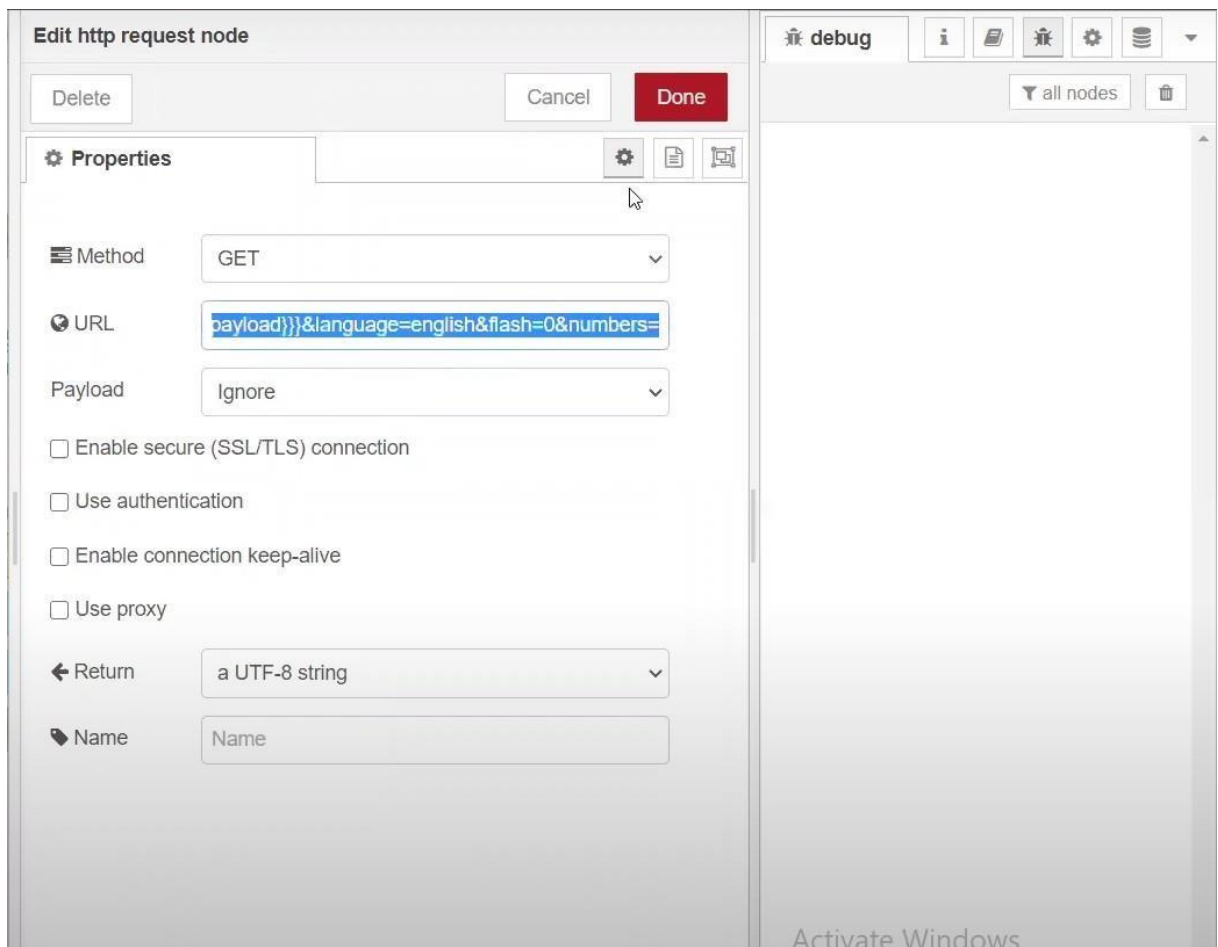
    latitude = 17.4225176
    longitude = 78.5458842

    #out area location

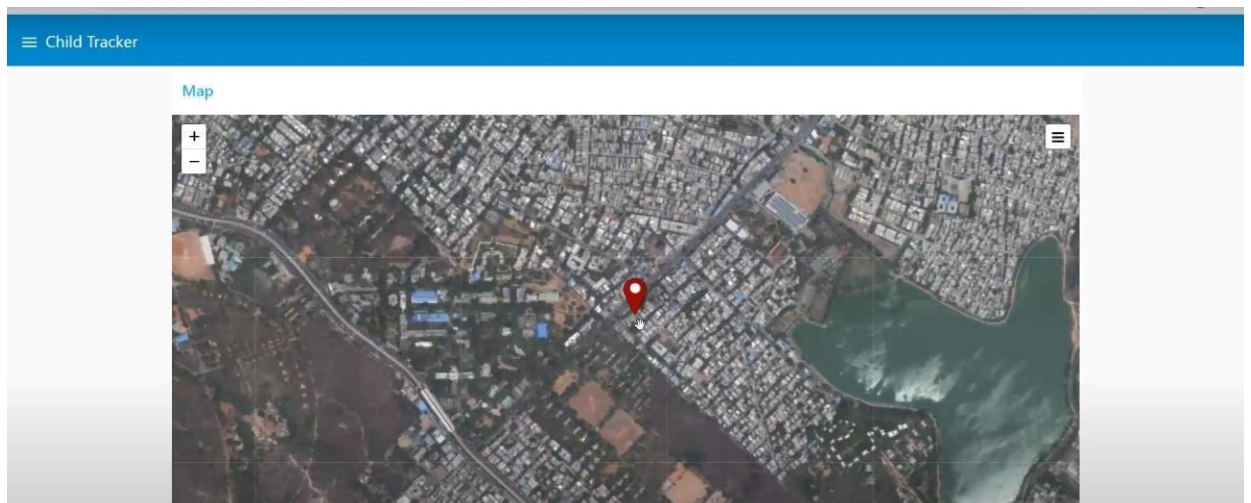
    #latitude = 17.4219272
    #longitude = 78.54588783
    myData={'name':name,'lat':latitude,'lon':longitude}
    client.PublishEvent(eventId="status",msgFormat="json", data=myData,qos=0,onPublish=None)
    print("Data published to IBM IoT platform:",myData)
    time.sleep(5)

client.disconnect()
```

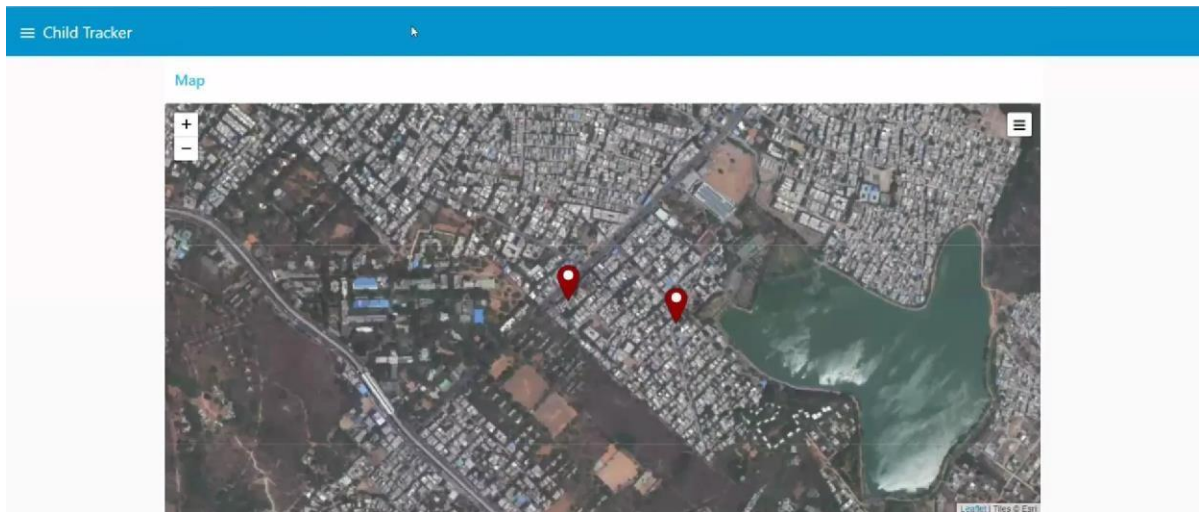
- Editing the HTTP Request URL



- Located the child



- After running the script, the web UI shows “Person is not in the particular area”



Result: Successfully developed the web application using Node-RED