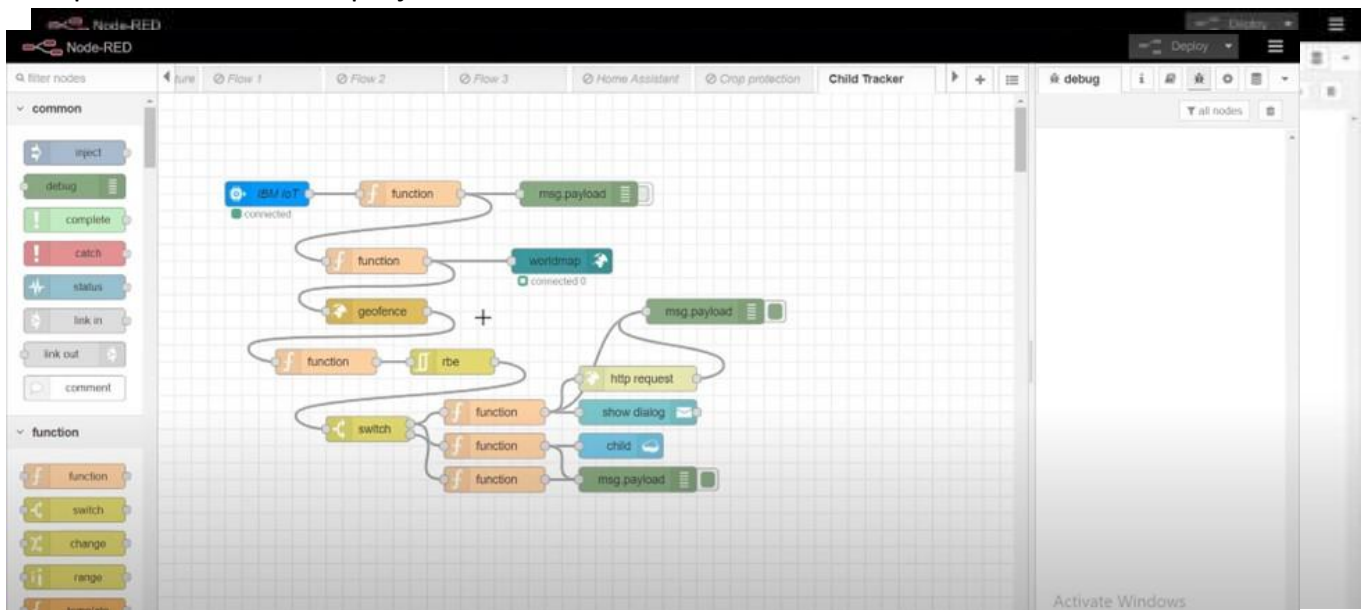


Develop A Web Application Using Node-RED

Date	29 October 2022
Team ID	PNT2022TMID30936
Project Name	IoT Based Safety Gadget For Child Safety Monitoring & Notification
Done by	Vasanthakumar S Soundarraj S Vivek C Vinothraj M

Steps Followed:

- Opened a Node-RED project



```
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

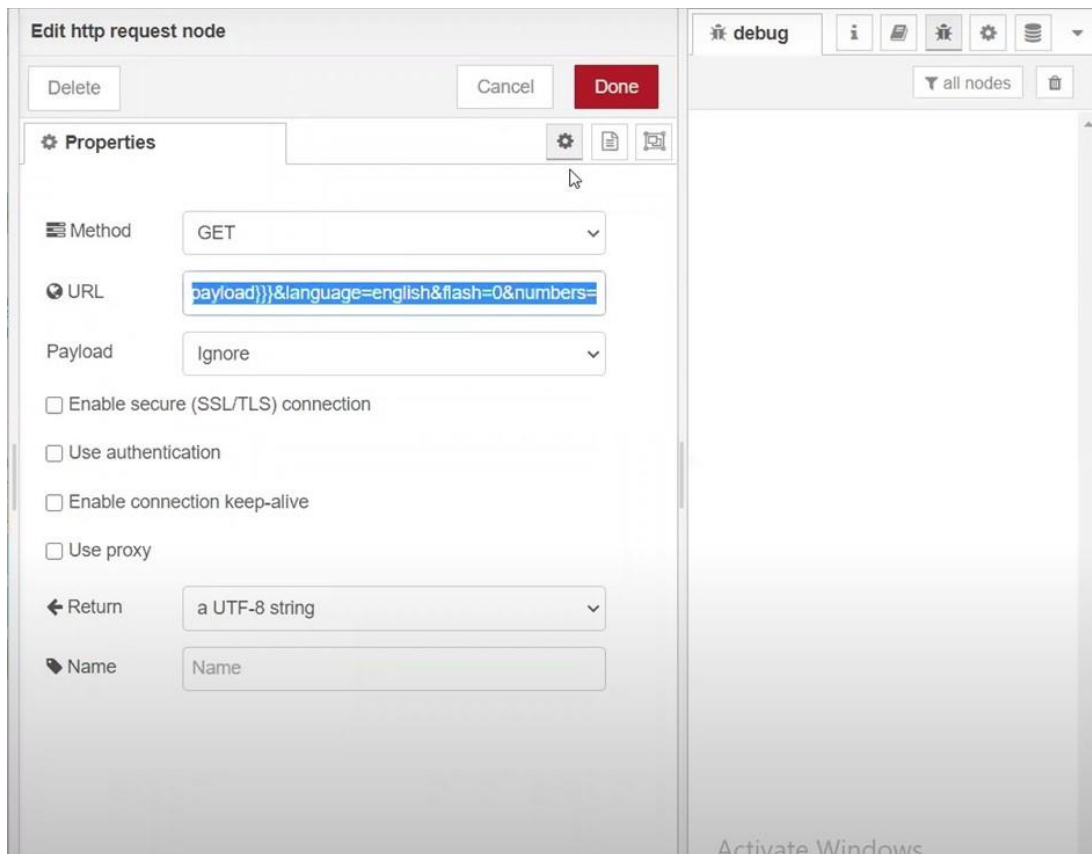
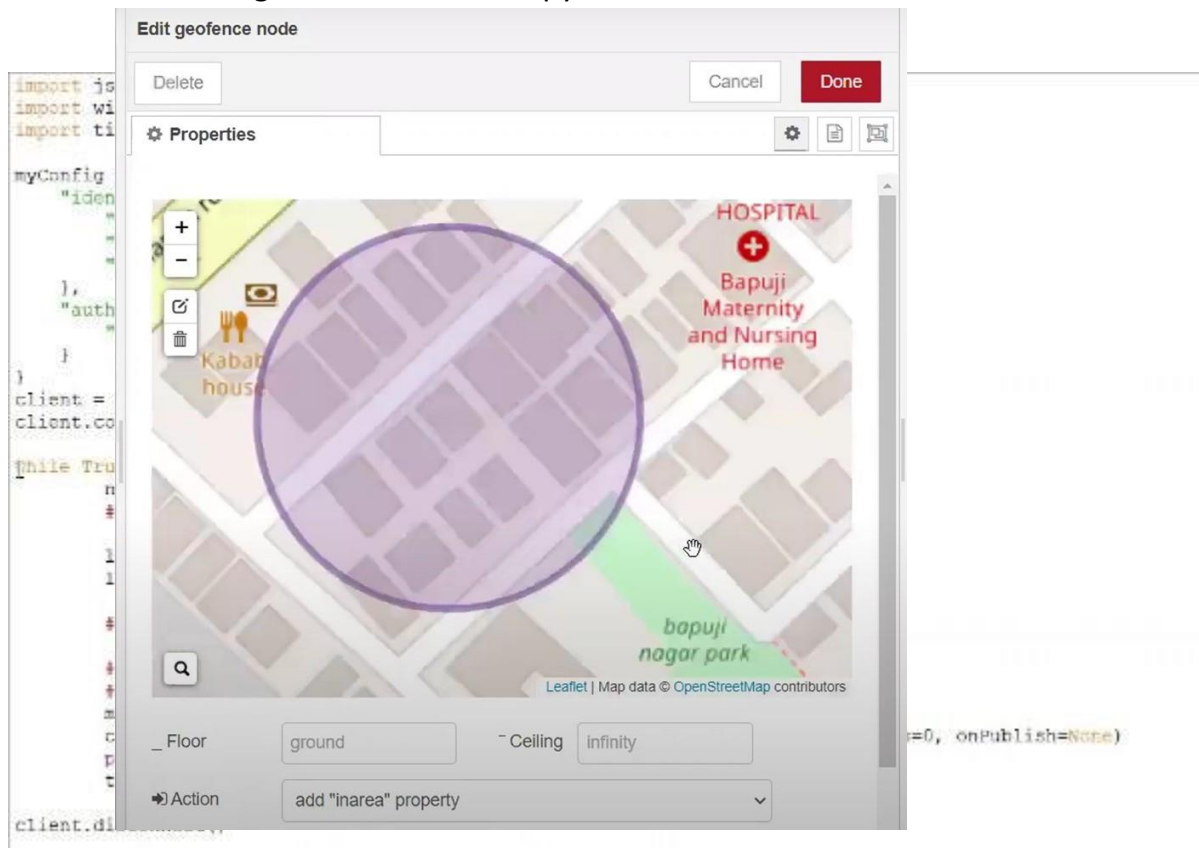
  latitude= 17.4225176
  longitude= 78.5458842

  #out area location

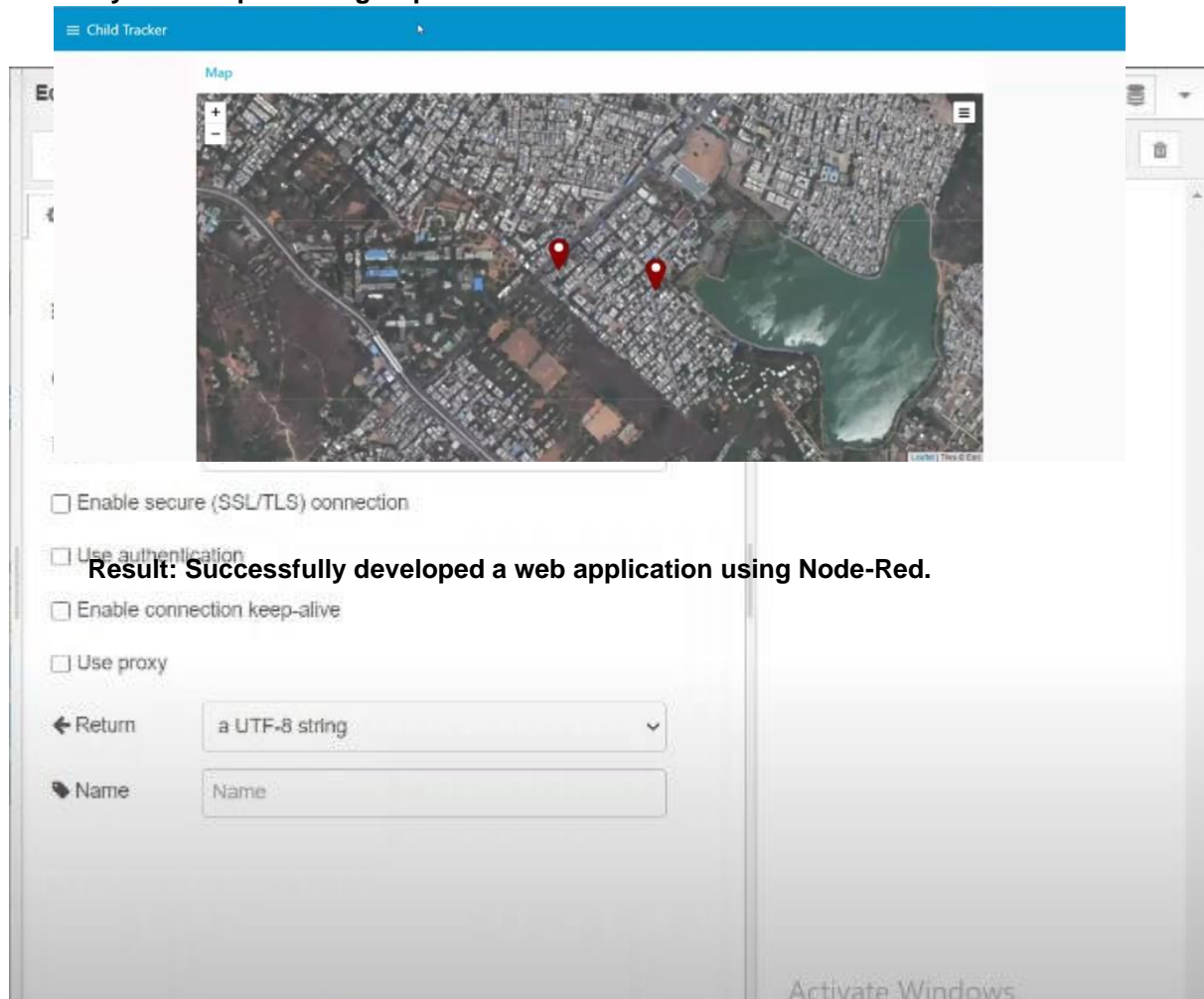
  #latitude= 17.4219272
  #longitude= 78.5488783
  myData={'name': name, 'lat':latitude, 'lon':longitude}
  client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0, onPublish=None)
  print("Data published to IBM IoT platform: ",myData)
  time.sleep(5)

client.disconnect()
```

- • Added code to get child location in python



- Python script sending requests to IBM Cloud



- Editing the HTTP Request URL
- Located the child

