

Safety Gadget for Child Safety Monitoring and Notification

Project Development –Delivery of Sprint 4

Team ID	PNT2022TMID34547
Project Name	IoT Based Safety Gadget for Child Safety Monitoring and Notification

Node RED Connection and Output:

The screenshot displays the Node-RED web interface in a browser. The main workspace shows a flow with several nodes: an 'IBM IoT' node, multiple 'function' nodes, a 'worldmap' node, a 'geofence' node, a 'filter' node, a 'switch' node, an 'http request' node, a 'Show dialog' node, and a 'child' node. The flow is designed to process IoT data and trigger notifications when a child is out of a geofence. On the right, the 'debug' console shows a series of log messages. The first message is a JSON object:

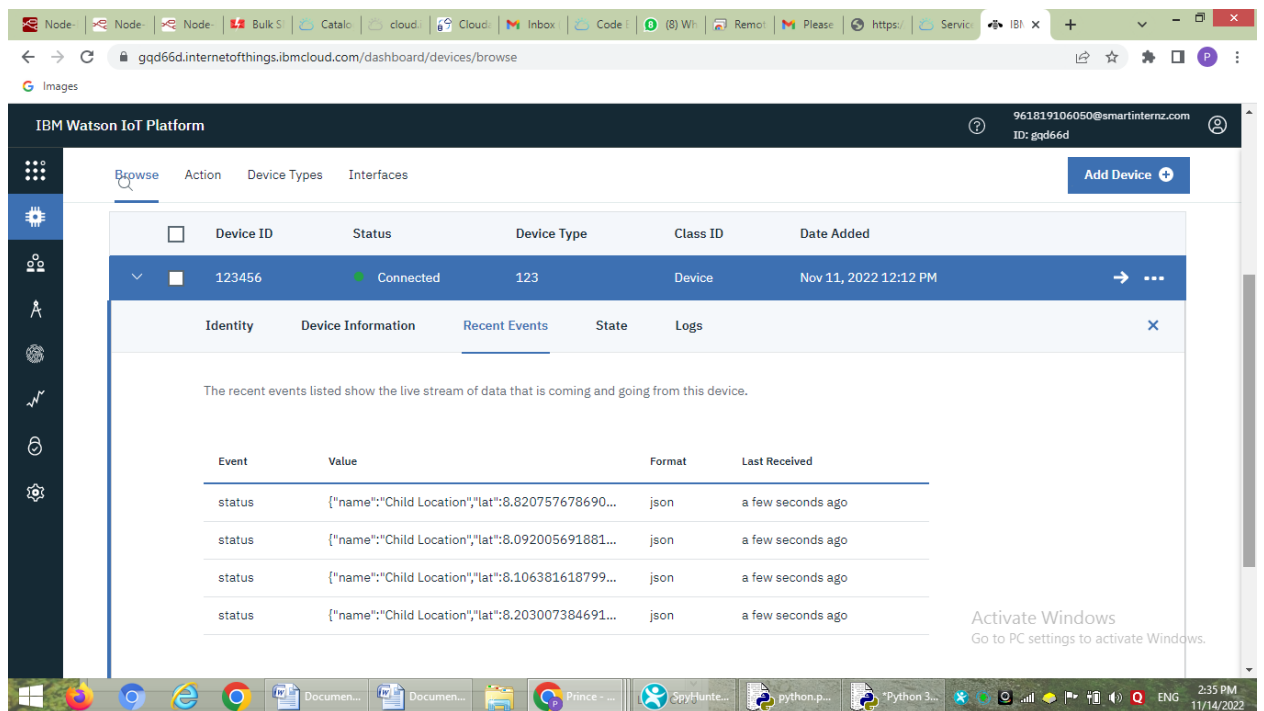
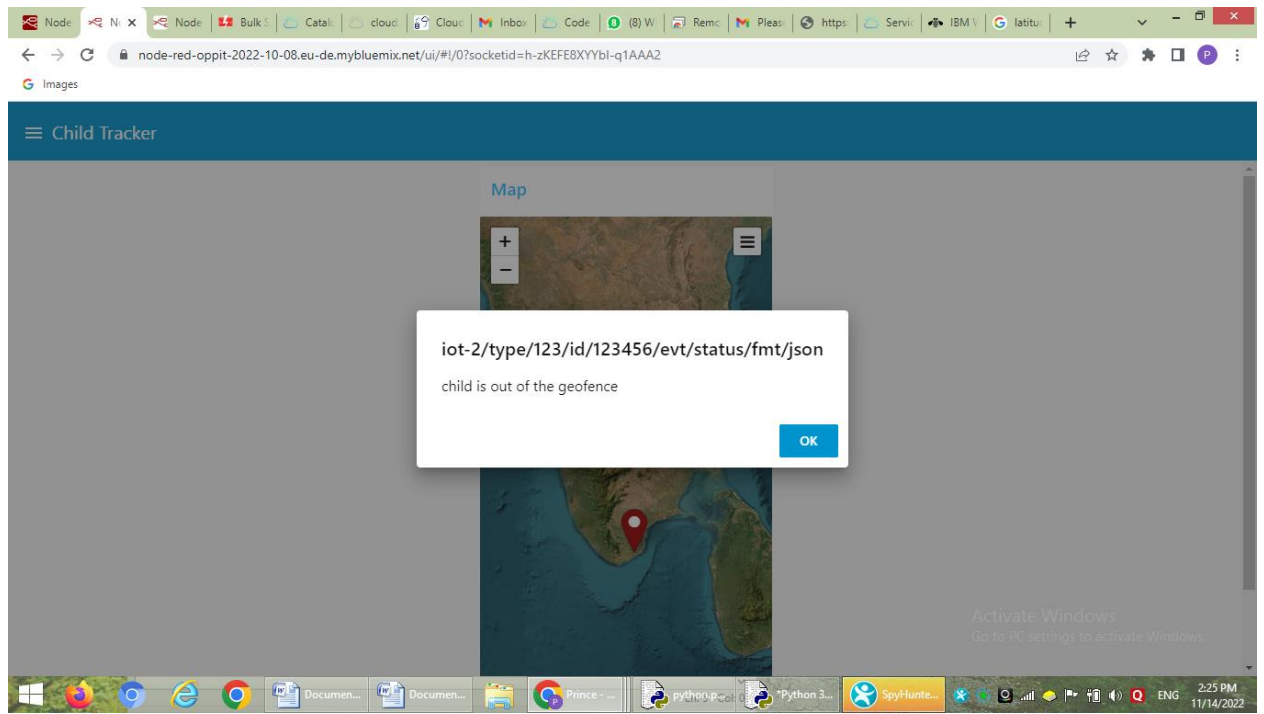
```
{ name: "Child Location", lat: 8.586098689044688, lon: 77.07996015588634 }
```

. Subsequent messages include status updates like "non-http transport requested" and "child is out of the geofence", and a detailed "Entry" message:

```
{ message: "Entry", Time: "11/14/2022, 2:04:09 PM", name: "Child Location", lat: 8.586098689044688, lon: 77.07996015588634 }
```

. The bottom of the screen shows a Windows taskbar with various open applications.

Alert message when the child is out of geofence:



Message send to parent mobile using FAST2SMS:

Node-Node-Node-De xCatalocloudCloudInboxCode t(8) WiRemotPleasehttps://ServiceIBM V+

fast2sms.com/dashboard/dev-api

Images

How Developer API Works

Account Info

02:45:40 PM

Sushma

₹55.00

ADD CREDIT

Bulk SMS

DLT SMS

Quick SMS

Address Book

Delivery Reports

Transactions

Dev API

Settings

Help

Dev API

API Key

Security

For OTP Based SMS use 'OTP SMS API' [READ API DOCS](#)

Method

GET

Route

Select Route

Sender ID

Select Sender ID

Flash Message

☐ Yes ☒ No

GET https://www.fast2sms.com/dev/bulkV2

Query Parameter :

authorization = 9Mo2Ym41EUDPLZdepu5sn8fOA7SxGwhkzcTqairXt6FgQWIV0Jf3vBI42kqSaQOcY6PEfmpIhorNXAzK

route =

sender_id =

message =

variables_values =

language =

numbers =

flash =

Overall URL =

Activate Windows
Go to PC settings to activate Windows

Waiting for server.chaport.com...

Prince - ...

SpyHunte...

python.p...

Python 3...

2:45 PM 11/14/2022