

Safety Gadget for Child Safety Monitoring and Notification

Project Development –Delivery of Sprint 2

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

Creating Node-Red service:

The screenshot displays the Node-RED web interface in a browser. The main workspace shows a flow with the following components:

- IBM IoT** node connected to a **function** node.
- The first **function** node is connected to a **msg.payload** node.
- The **msg.payload** node is connected to a **worldmap** node.
- The **worldmap** node is connected to a **geofence** node.
- The **geofence** node is connected to a **function** node.
- This **function** node is connected to a **filter** node.
- The **filter** node is connected to a **switch** node.
- The **switch** node has three outputs, each connected to a **function** node.
- The first **function** node after the switch is connected to an **http request** node.
- The second **function** node after the switch is connected to a **Show dialog** node.
- The third **function** node after the switch is connected to a **child** node.
- The **child** node is connected to a **msg.payload** node.

The right sidebar shows the **debug** console with the following log entries:

```
11/14/2022, 2:04:11 PM node: 6ccfd54f13b1ea8  
msg: string[28]  
"non-http transport requested"  
11/14/2022, 2:04:11 PM node: fafa9e678a8f79a5  
iot-2/hyper/123/123456/ev/status/fmt/json :  
msg.payload : string[28]  
"child is out of the geofence"  
11/14/2022, 2:04:11 PM node: 4634cfb01855b2a0  
iot-2/hyper/123/123456/ev/status/fmt/json :  
msg.payload : Object  
{ message: "Entry", Time:  
  "11/14/2022, 2:04:09 PM", name:  
  "Child Location", lat:  
    8.506098689044688, lon:  
    77.07996015588634 }  
11/14/2022, 2:04:11 PM node: 9f534f34a588681  
iot-2/hyper/123/123456/ev/status/fmt/json :  
msg.payload : Object
```

Connecting with IBM Cloud: Using IBM IOT node through API key

