

## PROJECT DEVELOPMENT PHASE

### SPRINT-3 TEST CASE

Date	09 November 2022
Team ID	PNT2022TMID41585
Project Name	IOT based safety gadget child monitoring and notification
Maximum Marks	8 Marks

### Recent Event:

myzpw

Browse

Action

Device Types

Interfaces

Add Device

<input type="checkbox"/>	Device ID	Status	Device Type	Class ID	Date Added
<input checked="" type="checkbox"/>	demo123	Disconnected	raspberrypi	Device	Nov 7, 2022 6:58 PM

Identity

Device Information

Recent Events

State

Logs

The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
IoTSensor	{"name":"seetha","latitude":9.9179987,"longitud...	json	a few seconds ago
IoTSensor	{"name":"seetha","latitude":9.9179987,"longitud...	json	a few seconds ago
IoTSensor	{"name":"seetha","latitude":9.9179987,"longitud...	json	a few seconds ago
IoTSensor	{"name":"seetha","latitude":9.9179987,"longitud...	json	a few seconds ago
IoTSensor	{"name":"seetha","latitude":9.9179987,"longitud...	json	a few seconds ago

## Node-Red Output:

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

- Flow 1:** Starts with an "IBM IoT" node (connected), followed by a "function" node.
- Flow 2:** Continues with another "function" node, then a "geofence" node, and a third "function" node.
- Flow 3:** A "switch" node receives input from the "geofence" node. It branches into three paths:
  - Path 1: A "function" node connected to a "worldmap" node (connected 1), which then connects to a "msg.payload" node.
  - Path 2: A "function" node connected to a "filter" node, which then connects to a "msg.payload" node.
  - Path 3: A "function" node connected to a "show dialog" node, which then connects to an "email" node (saryakumar0609@gmail.com).

The "debug" console on the right shows the following log entries:

```
11/9/2022, 2:41:00 PM node: fb7846d110dcacfb8  
iot-  
2/type/raspberrypi/d/demo123/ev/IoTSensor/fmt/json :  
msg.payload : Object  
{ name: "seetha", lat: 13.0480438,  
lon: 79.928808 }  
11/9/2022, 2:41:00 PM node: bb61b8b13471e39e  
iot-  
2/type/raspberrypi/d/demo123/ev/IoTSensor/fmt/json :  
msg.payload : string[29]  
"Alert! child is missing...."  
11/9/2022, 2:41:00 PM node: a811ab5fb910fce1  
iot-  
2/type/raspberrypi/d/demo123/ev/IoTSensor/fmt/json :  
msg.payload : Object  
{ message: "Exit", Time:  
"11/9/2022, 2:43:42 PM", name:  
"seetha", lat: 13.0480438, lon:  
79.928808 }  
11/9/2022, 2:41:05 PM node: fb7846d110dcacfb8  
iot-  
2/type/raspberrypi/d/demo123/ev/IoTSensor/fmt/json :
```

The bottom of the image shows the Windows taskbar with the time 14:41 on 09-11-2022.

**Output:**

The screenshot shows a Windows File Explorer window titled "ibm". It displays several files and folders:

- A file icon labeled "Python 3.7.0 Shell"
- A file icon labeled "File Edit Shell Debug Options Window Help"
- A file icon labeled "import Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AMD64)] on win32"
- A file icon labeled "Type \"copyright\", \"credits\" or \"license()\" for more information."
- A file icon labeled ">>> import"
- A file icon labeled "===== RESTART: P:\ibm\child\_safety.py ====="
- A file icon labeled "2022-11-08 11:17:36,763 ibmiotf.device.Client INFO Connected successfu"
- A file icon labeled "lly: dmyzpw:rpi:demos123"
- A file icon labeled "#Prov Published name = seetha latitude = 13.0480438 longitude = 79.928808 to IBM Wa"
- A file icon labeled "organ tson"
- A file icon labeled "device Published name = seetha latitude = 13.0480438 longitude = 79.928808 to IBM Wa"
- A file icon labeled "On tson"
- A file icon labeled "authM Published name = seetha latitude = 13.0480438 longitude = 79.928808 to IBM Wa"
- A file icon labeled "Th tson"
- A file icon labeled "3 Published name = seetha latitude = 13.0480438 longitude = 79.928808 to IBM Wa"
- A file icon labeled "tson"
- A file icon labeled "Published name = seetha latitude = 13.0480438 longitude = 79.928808 to IBM Wa"
- A file icon labeled "tson"
- A file icon labeled "D Published name = seetha latitude = 13.0480438 longitude = 79.928808 to IBM Wa"
- A file icon labeled "tson"
- A file icon labeled "N Published name = seetha latitude = 13.0480438 longitude = 79.928808 to IBM Wa"
- A file icon labeled "tson"
- A file icon labeled "try:"
- A file icon labeled "except"
- A file icon labeled "# Conn"
- A file icon labeled "device"
- A file icon labeled "while"

The bottom status bar indicates there are 7 items.