

PROJECT DEVELOPMENT PHASE

SPRINT-3 TEST CASE

Date	09 November 2022
Team ID	PNT2022TMID41578
Project Name	IOT based safety gadget child monitoring and notification
Maximum Marks	8 Marks

Recent Event:

myzpw6

Browse Action Device Types Interfaces Add De

<input type="checkbox"/>	Device ID	Status	Device Type	Class ID	Date Added
▼ <input 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 named "child safety" with the following components:

- Flow 1:** Starts with an "IBM IoT" node (connected), followed by a "switch" node.
- Flow 2:** The "switch" node branches into three parallel paths, each containing a "function" node.
- Flow 3:** The three "function" nodes connect to different output nodes:
 - The top "function" node connects to a "msg.payload" node, then a "worldmap" node (connected 1), and finally a "filter" node.
 - The middle "function" node connects to a "msg.payload" node, then a "show dialog" node, and finally an "email" node (connecting).
 - The bottom "function" node connects to a "dbchild" node and a "msg.payload" node.

The right-hand "debug" console shows the following log entries:

```
11/9/2022, 2:41:00 PM node: fb7846d110dcac8  
iot-  
2/type/raspberrypi/d/demo123/evt/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/evt/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/evt/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: fb7846d110dcac8  
iot-
```

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

Output:

[illegible]