

PROJECT DEVELOPMENT PHASE

SPRINT-3 TEST CASE

Date	09 November 2022
Team ID	PNT2022TMID49482
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 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
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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:

- IBM IoT** node (connected) feeds into a **function** node.
- The first **function** node connects to a **worldmap** node (connected 1).
- The **worldmap** node connects to a **filter** node.
- The **filter** node connects to a **msg.payload** node.
- The **filter** node also connects to a **show dialog** node.
- The **show dialog** node connects to an **email** node (saryakumar0609@gmail.com).
- A **switch** node is also connected to the **filter** node and a **dbchild** node.
- The **dbchild** node connects to a **msg.payload** node.
- The **msg.payload** node connects to the **email** node.

The debug console on the right shows the following output:

```
11/9/2022, 2:41:00 PM node: fb7846d110dcacf8
iot-
2/type/raspberypid/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/raspberypid/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/raspberypid/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: fb7846d110dcacf8
iot-
```

Output:

