

PROJECT DEVELOPMENT PHASE

SPRINT-2 CONNECTION (Interface Sensor)

Date	05 November 2022
Team ID	PNT2022TMID25796
Project Name	IoT Based Safety Gadget Child Monitoring and Notification
Maximum Marks	8 Marks

Device Details:

The screenshot shows a web-based application for managing IoT devices. On the left is a vertical sidebar with icons for device types: Sensors, Actuators, Rules, and Device Types. The main area has a header with 'Browse', 'Action', 'Device Types', and 'Interfaces' tabs, and a blue 'Add Device' button. Below the header is a message: 'This table shows a summary of all devices that have been added. It can be filtered, organized, and searched on using different criteria. To get started, you can add devices by using the Add Device button, or by using API.' A search bar labeled 'Search by Device ID' is present. A 'Device Simulator' toggle switch is turned off. The central part is a table with columns: Device ID, Status, Device Type, Class ID, and Date Added. Two entries are listed: 'demo1' (Connected, raspberryPi, Device, Nov 5, 2022 1:15 PM) and 'raspberrypi_1' (Connected, raspberryPi, Device, Nov 5, 2022 4:15 PM). At the bottom, there's a pagination section 'Items per page 50 | 1–2 of 2 items' and a note '1 of 1 page'. A footer box says '2 Simulations running'.

Device ID	Status	Device Type	Class ID	Date Added
demo1	Connected	raspberrypi	Device	Nov 5, 2022 1:15 PM
raspberrypi_1	Connected	raspberrypi	Device	Nov 5, 2022 4:15 PM

Recent Events:

IBM Watson IoT Platform

Browse Action Device Types Interfaces

Event	Value
event_1	{"randomNumber":59}
event_1	{"randomNumber":1}
event_1	{"randomNumber":92}
event_1	{"randomNumber":99}
event_1	{"randomNumber":52}

Items per page 50 | 1–1 of 1 item

Device Type: raspberrypi

Events 1 New event type +

Event type name: event_1 Send

Schedule: 1 Every Minute

Payload:

```

0 [
1   "latitude": random(-90,90),
2   "longitude": random(-180,180)
3 ]
4

```

Upload a CSV file

Node-Red Connection and Dashboard Design:

