

PROJECT DEVELOPMENT PHASE

SPRINT-2 CONNECTION (Interface Sensor)

Date	05 November 2022
Team ID	PNT2022TMID33026
Project Name	IoT Based Safety Gadget For Child Safety Monitoring and Notification
Maximum Marks	8 Marks

Device Details:

The screenshot displays the IBM Watson IoT Platform interface. The main heading is 'Browse Devices'. Below it, there are tabs for 'All Devices' and 'Diagnose'. A message states: '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.' Below this is a search bar labeled 'Search by Device ID'. To the right of the search bar is a 'Device Simulator' toggle switch. The table below has columns: Device ID, Status, Device Type, Class ID, Date Added, and Descriptive Location. The table contains one row for device 'jwsn', which is an 'Ultrasonicsensor' with status 'Disconnected' and was added on '23 Nov 2022 9:35 PM'. At the bottom of the table, it says 'Items per page 50' and '1 of 1 page'.

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
jwsn	Disconnected	Ultrasonicsensor	Device	23 Nov 2022 9:35 PM	

Recent Events:

The screenshot displays the IBM Watson IoT Platform interface. The main view shows the 'Recent Events' tab for device 'manimd12'. A table lists five events, each with a value containing a random number. A modal window is open for configuring 'event_1', showing a schedule of 'Every Minute' and a payload editor with a JSON structure for latitude and longitude coordinates.

Event	Value
event_1	{"randomNumber":56}
event_1	{"randomNumber":29}
event_1	{"randomNumber":87}
event_1	{"randomNumber":61}
event_1	{"randomNumber":34}

Modal Configuration for event_1:

- Device Type: manimd
- Event type name: event_1
- Schedule: 1 Every Minute
- Payload:

```
{ 0: { 1: "latitude": random(-90, 90) 2: "longitude": random(-180, 180) 3: 4: } 5: }
```
- Buttons: Send, Upload a CSV file, Cancel, Save

Node-Red Connection and Dashboard Design:

