

PROJECT DEVELOPMENT PHASE

SPRINT-2 CONNECTION (Interface Sensor)

Date	10 November 2022
Team ID	PNT2022TMID49498
Project Name	Real Time River Water Quality Monitoring and Control System
Maximum Marks	8 Marks

Device Details:

The screenshot displays the IBM Watson IoT Platform dashboard. The top navigation bar includes tabs for 'Service Details - IBM Cloud', 'IBM Watson IoT Platform', 'Node-RED : node-red-xoyzi-202...', and 'IBM'. The main header shows the user's email '923819104057@smartinternz.com' and ID 'mw0wqj'. The dashboard is titled 'IBM Watson IoT Platform' and has a sidebar with various icons. The main content area is divided into 'Browse', 'Action', 'Device Types', and 'Interfaces' tabs. Under 'Browse', there are 'All Devices' and 'Diagnose' buttons. A text block explains that the table shows a summary of all devices and can be filtered, organized, and searched. Below this is a search bar 'Search by Device ID' and a 'Device Simulator' toggle. The table lists three devices: 'real_1' (Connected), 'real_2' (Disconnected), and 'realtime' (Disconnected). The table has columns for Device ID, Status, Device Type, Class ID, and Date Added. At the bottom, there is a pagination bar showing '1 of 1 page' and a status bar indicating '1 Simulation running'.

Device ID	Status	Device Type	Class ID	Date Added
real_1	Connected	real	Device	Nov 4, 2022 9:36 AM
real_2	Disconnected	real	Device	Nov 4, 2022 3:38 AM
realtime	Disconnected	real	Device	Nov 3, 2022 9:18 AM

Recent Events:

The screenshot shows the IBM Watson IoT Platform dashboard. The main view is 'All Devices' with a table listing three devices: 'real_1' (Connected), 'real_2' (Disconnected), and 'realtime' (Disconnected). A modal window titled 'Device Type: real' is open, showing the configuration for a new event type named 'event_1'. The event is scheduled to occur every minute. The payload is defined as a JSON object with 'ph' and 'turb' fields, each containing a random value between 0 and 14 and 0 and 100 respectively.

Device ID	Status	Device Type
real_1	Connected	real
real_2	Disconnected	real
realtime	Disconnected	real

Items per page 50 | 1-3 of 3 items

Event type name: event_1

Schedule: 1 Every Minute

Payload:

```
{
  "ph": random(0, 14),
  "turb": random(0, 100)
}
```

Node-Red Connection and Dashboard Design:

