

## PROJECT DEVELOPMENT PHASE

### SPRINT-2 CONNECTION (Interface Sensor)

Date	05 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 'Browse', 'Action', 'Device Types', and 'Interfaces'. A sidebar on the left contains various icons for navigation. The main content area shows a table of devices with columns for Device ID, Status, Device Type, Class ID, and Date Added. Two devices are listed: 'demo123' (Connected) and 'raspberrypi\_1' (Disconnected). The dashboard also includes a search bar, a 'Device Simulator' toggle, and pagination controls.

IBM Watson IoT Platform

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Browse Action Device Types Interfaces

Add Device

All Devices Diagnose

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.

Search by Device ID

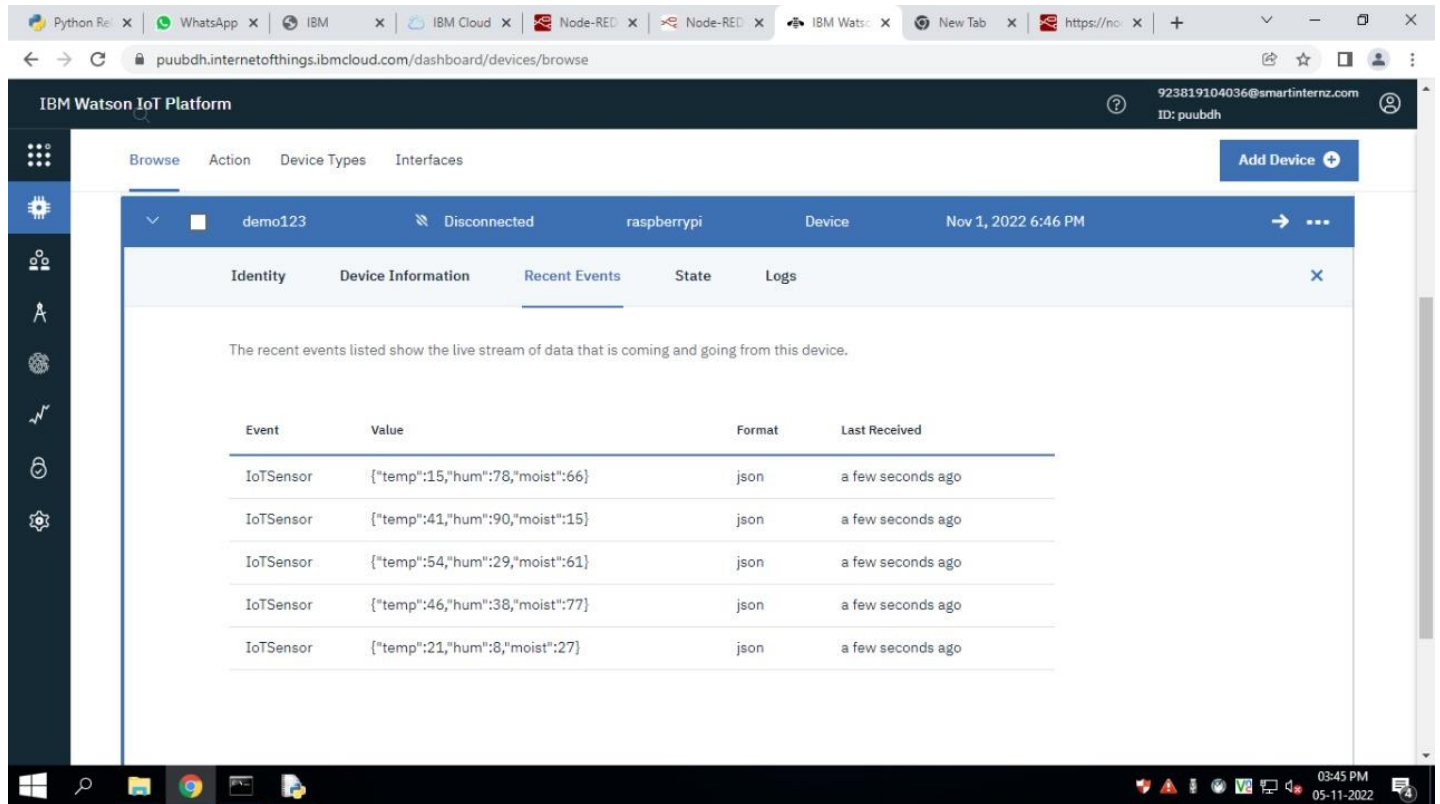
Device Simulator

Device ID	Status	Device Type	Class ID	Date Added
demo123	Connected	raspberrypi	Device	Nov 1, 2022 6:46 PM
raspberrypi_1	Disconnected	raspberrypi	Device	Nov 4, 2022 6:38 PM

Items per page 50 | 1-2 of 2 items

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## Recent Events:



The screenshot shows the IBM Watson IoT Platform dashboard. The top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. The main content area displays the 'Recent Events' tab for a device named 'demo123'. The device is 'Disconnected' and is a 'raspberrypi' type. The events table shows a live stream of data from the device.

Event	Value	Format	Last Received
IoTSensor	{"temp":15,"hum":78,"moist":66}	json	a few seconds ago
IoTSensor	{"temp":41,"hum":90,"moist":15}	json	a few seconds ago
IoTSensor	{"temp":54,"hum":29,"moist":61}	json	a few seconds ago
IoTSensor	{"temp":46,"hum":38,"moist":77}	json	a few seconds ago
IoTSensor	{"temp":21,"hum":8,"moist":27}	json	a few seconds ago

## Node-Red Connection and Dashboard Design:

