

## PROJECT DEVELOPMENT PHASE

### SPRINT-2 CONNECTION (Interface Sensor)

Date	10 November 2022
Team ID	PNT2022TMID20020
Project Name	Real Time River Water Quality Monitoring and Control System
Maximum Marks	8 Marks

### Device Details:

IBM Watson IoT Platform

1912402@nec.edu.in  
ID: kpgkf

Browse Action Device Types Interfaces

All Devices Diagnose

Add Device +

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 ☒

<input type="checkbox"/>	Device ID	Status	Device Type	Class ID	Date Added
> <input type="checkbox"/>	real_1	<span>Connected</span>	real	Device	Nov 6, 2022 9:36 AM
> <input type="checkbox"/>	real_2	<span>Disconnected</span>	real	Device	Nov 6, 2022 3:38 AM
> <input type="checkbox"/>	realtime	<span>Disconnected</span>	real	Device	Nov 6, 2022 9:18 AM

Items per page 50 | 1-3 of 3 items

1 of 1 page

1 Simulation running

## Recent Events:

The screenshot displays the IBM Watson IoT Platform interface. On the left, a sidebar contains navigation icons. The main area is titled 'Device Type: real' and shows a table of devices. A modal window is open on the right, titled 'Device Type: real', showing the configuration for a new event type named 'event\_1'. The modal includes a 'Schedule' section set to 'Every Minute' and a 'Payload' section with a JSON payload: 

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

. The modal also has buttons for 'Send', 'Upload a CSV file', 'Cancel', and 'Save'.

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

## Node-Red Connection and Dashboard Design:

