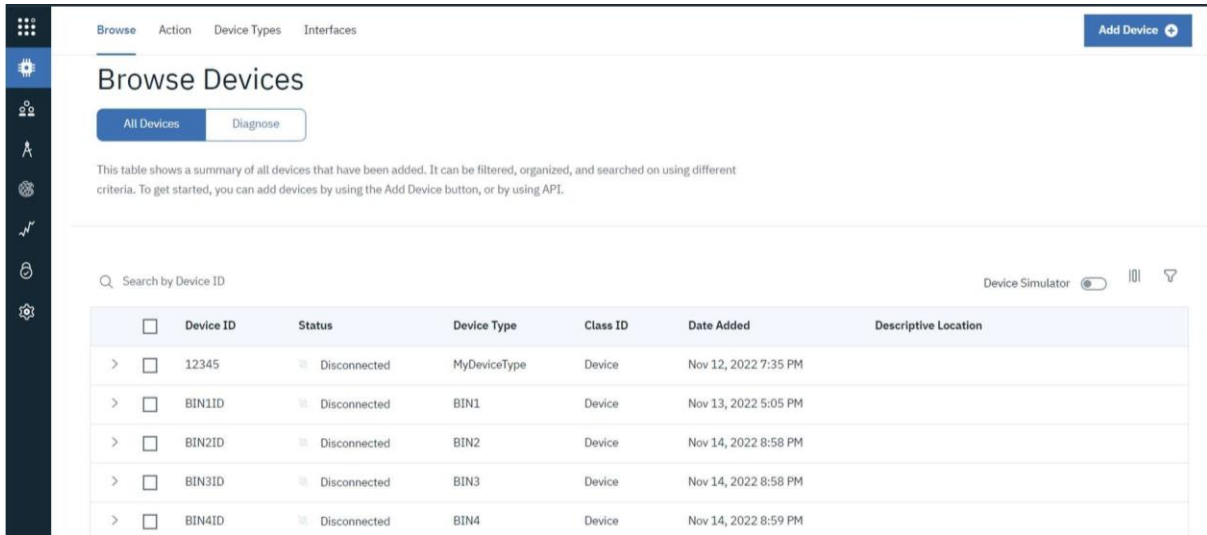


## DELIVERY OF SPRINT 4

<b>Date</b>	19 November 2022
<b>Team ID</b>	PNT2022TMID04058
<b>Project Name</b>	Smart waste management system for metropolitan cities

### Node Red connections and the UI

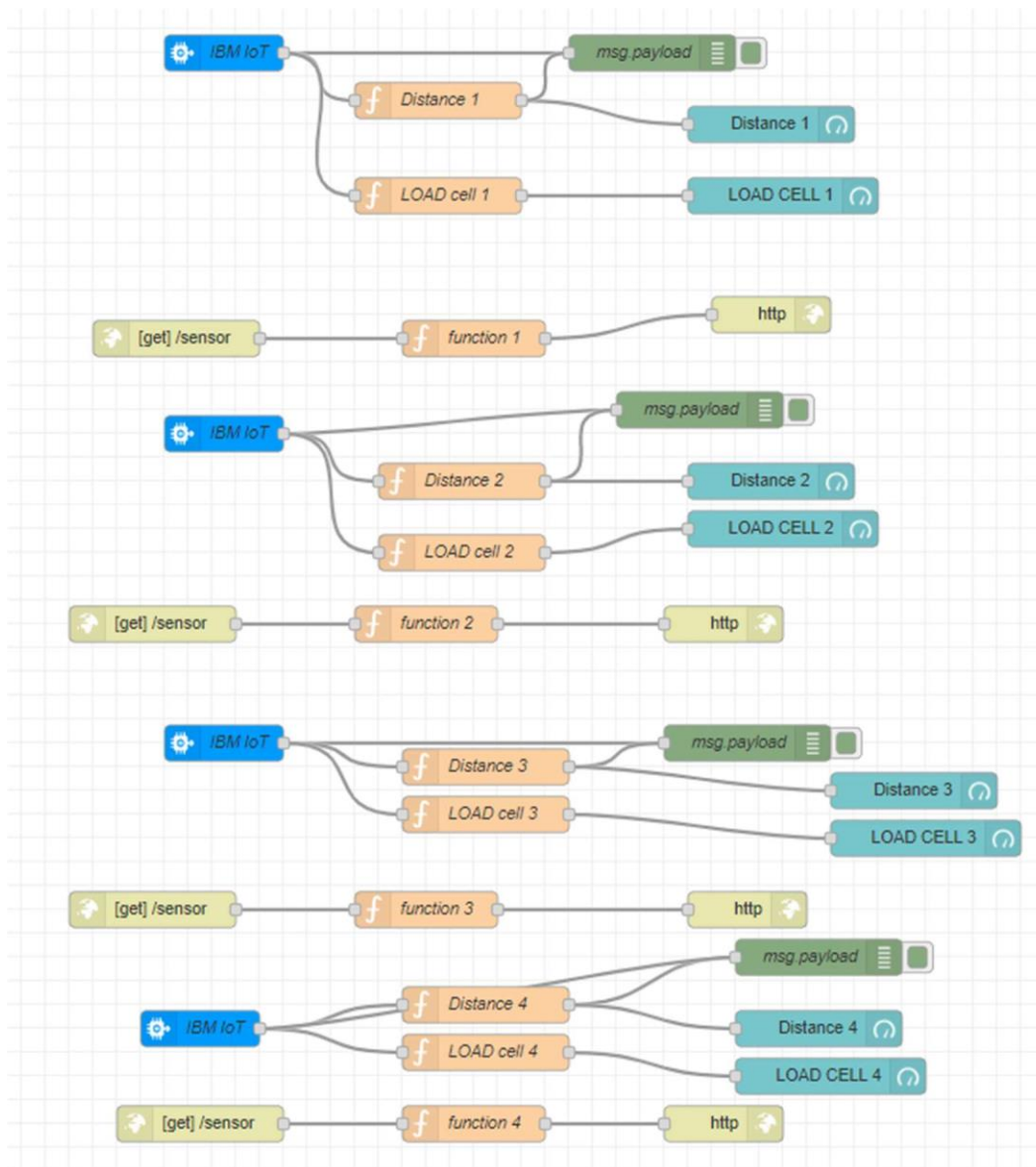
#### 1. IBM Watson device connections:



The screenshot displays the 'Browse Devices' page in the IBM Watson IoT Platform. The page includes a sidebar with navigation icons, a top navigation bar with tabs for 'Browse', 'Action', 'Device Types', and 'Interfaces', and an 'Add Device' button. Below the navigation, there's a 'Browse Devices' section with tabs for 'All Devices' and 'Diagnose'. A descriptive text 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' and a 'Device Simulator' toggle switch. The main content is a table with the following data:

<input type="checkbox"/>	Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
> <input type="checkbox"/>	12345	Disconnected	MyDeviceType	Device	Nov 12, 2022 7:35 PM	
> <input type="checkbox"/>	BIN1ID	Disconnected	BIN1	Device	Nov 13, 2022 5:05 PM	
> <input type="checkbox"/>	BIN2ID	Disconnected	BIN2	Device	Nov 14, 2022 8:58 PM	
> <input type="checkbox"/>	BIN3ID	Disconnected	BIN3	Device	Nov 14, 2022 8:58 PM	
> <input type="checkbox"/>	BIN4ID	Disconnected	BIN4	Device	Nov 14, 2022 8:59 PM	

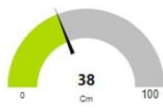
#### 2. Node-Red connections:



### 3. The website – UI output displayed based on the python scripts execution:

control

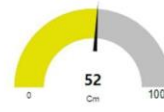
Distance 1



LOAD CELL 1



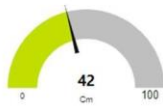
Distance 2



LOAD CELL 2



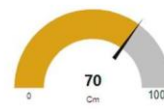
Distance 3



LOAD CELL 3



Distance 4



LOAD CELL 4

