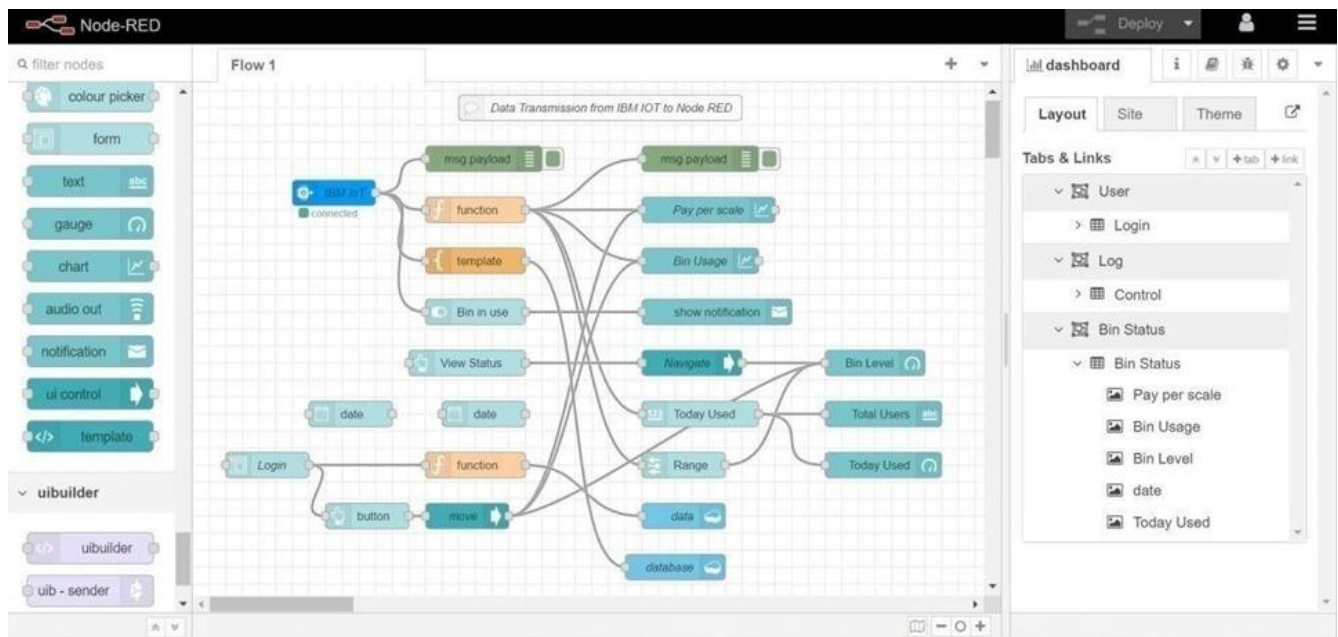


Delivery of Sprint – 3

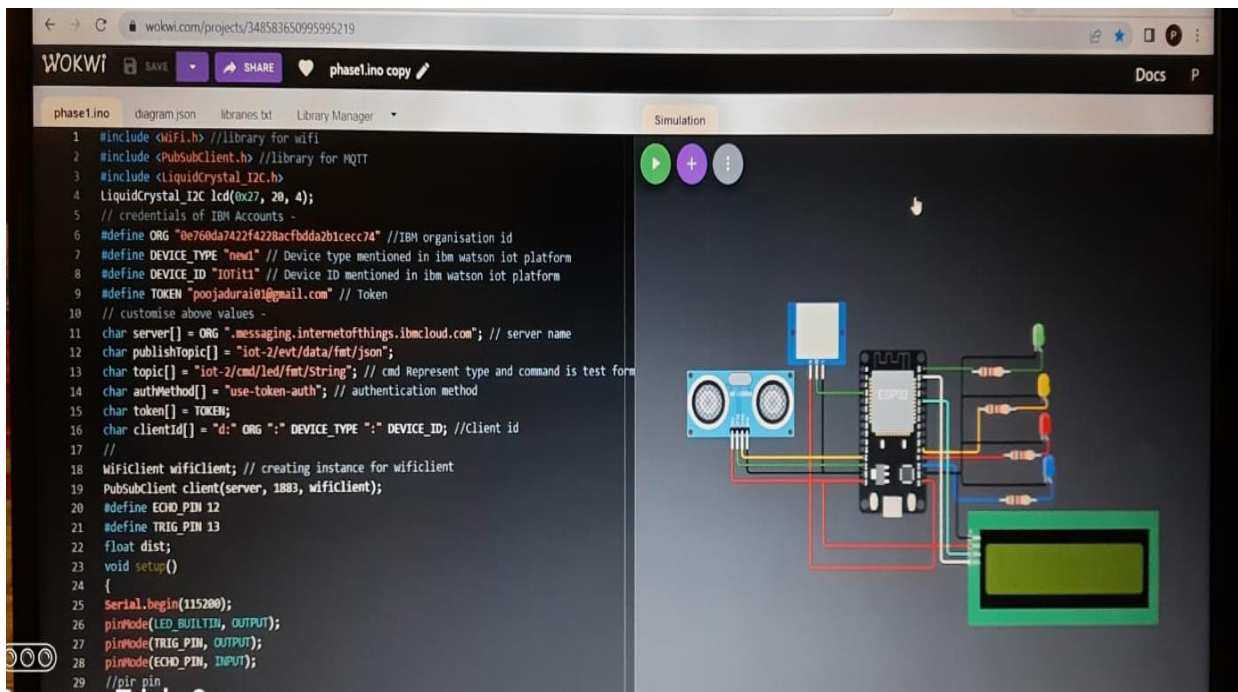
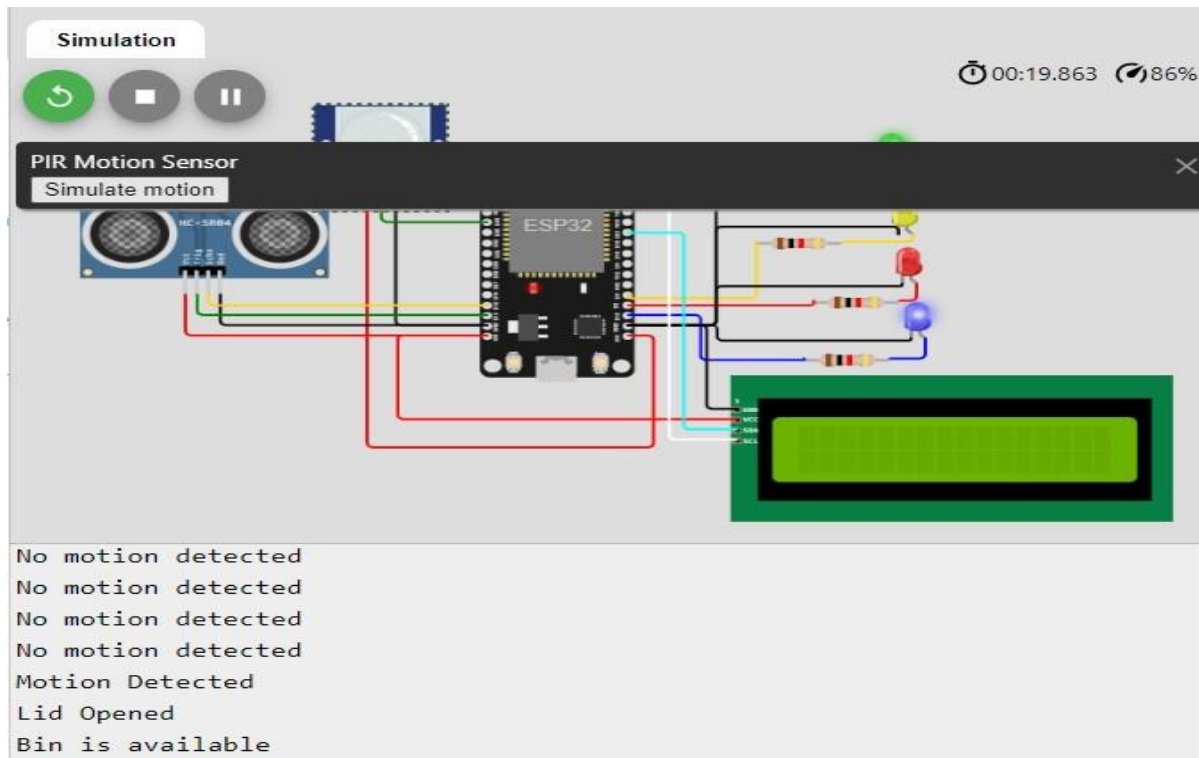
Node Red Connection to IBM Cloudant

Date	18 November 2022
Team ID	PNT2022TMID04232
Project Name	Smart Waste Management for Metropolitan Cities

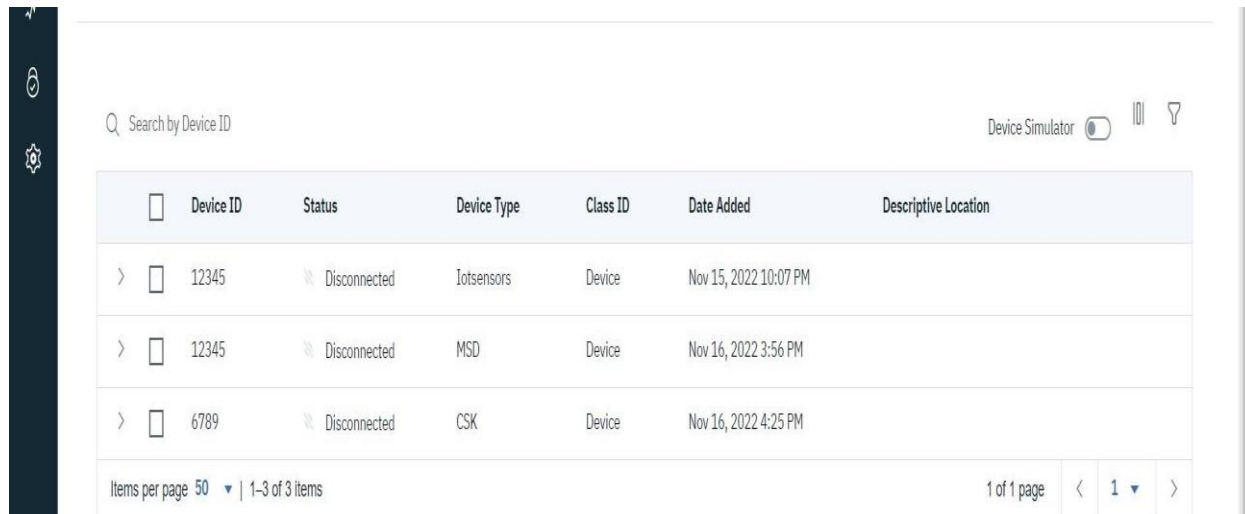
1. Node-RED Connection setup for data transmission from IBM Watson IOT platform to Node-RED dashboard.



2. Simulate Wokwi connection to transmit data from wokwi account to IBM Watson IOT platform and then to Node Red dashboard.

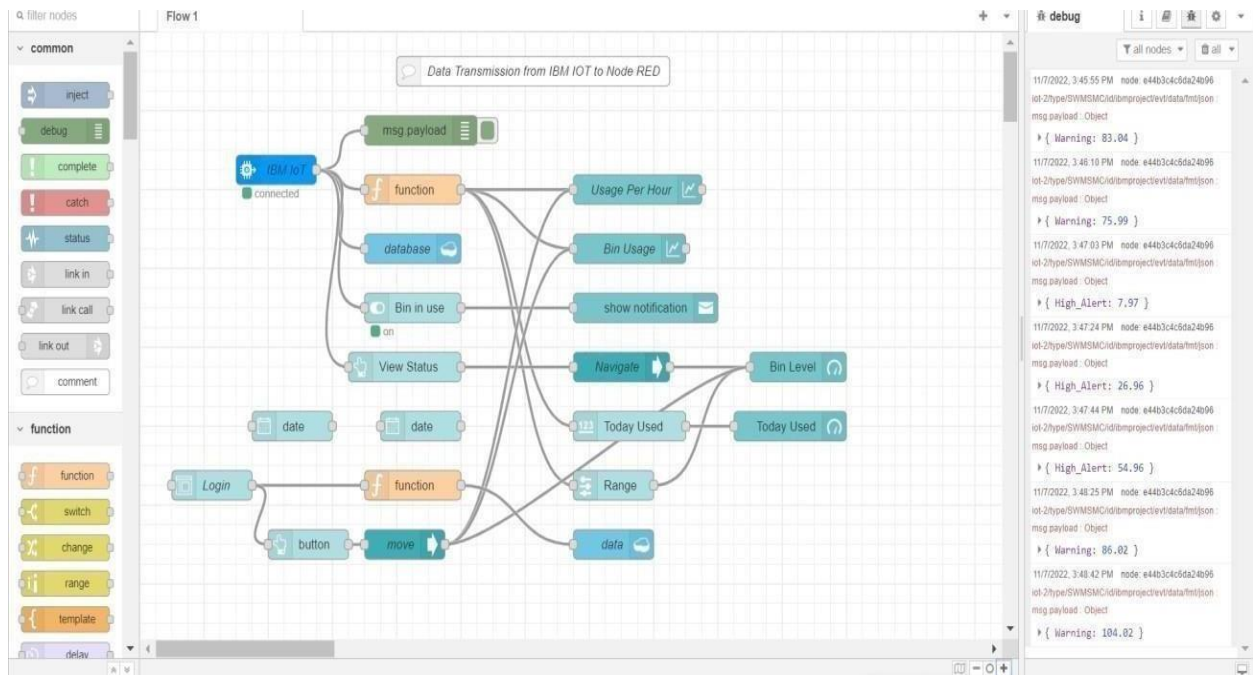


3.Data transfer to Watson IOT platform.



Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
12345	Disconnected	Iotsensors	Device	Nov 15, 2022 10:07 PM	
12345	Disconnected	MSD	Device	Nov 16, 2022 3:56 PM	
6789	Disconnected	CSK	Device	Nov 16, 2022 4:25 PM	

4.Data transfer from IBM Watson IOT platform and wokwi to Node red.



5. Storing database in IBM cloudant DB.

The screenshot displays the IBM Cloudant web interface for a database named 'sensor_data'. On the left, a sidebar contains navigation icons and a menu with options: 'All Documents' (selected), 'Query', 'Permissions', 'Changes', and 'Design Documents'. The main area shows a table view of the database's contents. At the top right, there are controls for 'Document ID', 'Options', 'JSON', and a notification bell. Below these, tabs for 'Table', 'Metadata', and 'JSON' are visible, along with a 'Create Document' button. The table itself has three columns: 'id', 'key', and 'value'. It lists eight documents, each with a checkbox, a document icon, and truncated values for the three columns. The 'value' column consistently shows a JSON object with a 'rev' property.

	id	key	value
<input type="checkbox"/>	0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{ "rev": "1-cde2dd17c519394df..." }
<input type="checkbox"/>	0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{ "rev": "1-d26c5b40891e13c6c..." }
<input type="checkbox"/>	0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{ "rev": "1-cde2dd17c519394df..." }
<input type="checkbox"/>	0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{ "rev": "1-f96eb0460bc16cfab0..." }
<input type="checkbox"/>	1a921f21cbe229b86f599acb45...	1a921f21cbe229b86f599acb45...	{ "rev": "1-7226f08794cd47b7c..." }
<input type="checkbox"/>	1a921f21cbe229b86f599acb45...	1a921f21cbe229b86f599acb45...	{ "rev": "1-1bdd9a985bd56cf9..." }
<input type="checkbox"/>	20a854e5445fa818e6c1de049...	20a854e5445fa818e6c1de049...	{ "rev": "1-7226f08794cd47b7c..." }

