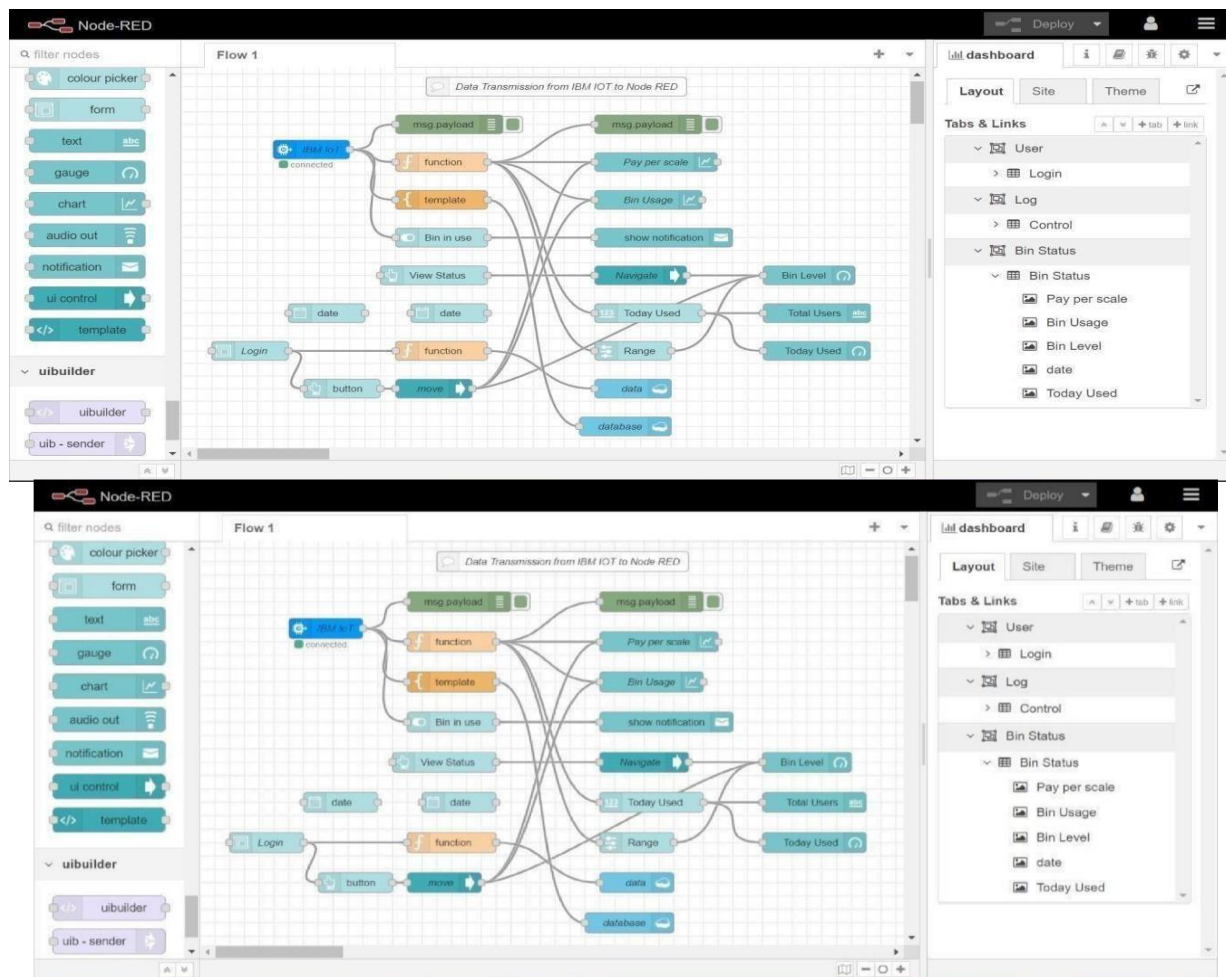


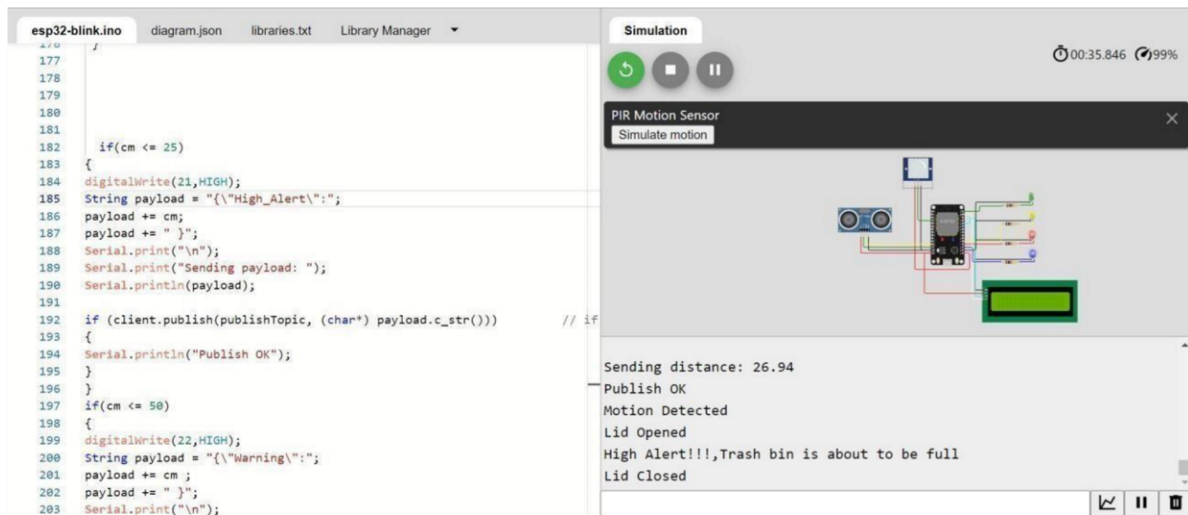
SPRINT DELIVERY - 4

Date	18 NOVEMBER 2022
Team ID	PNT2022TMID50056
Project Name	IOT based Smart Waste Management System in Metropolitan Cities

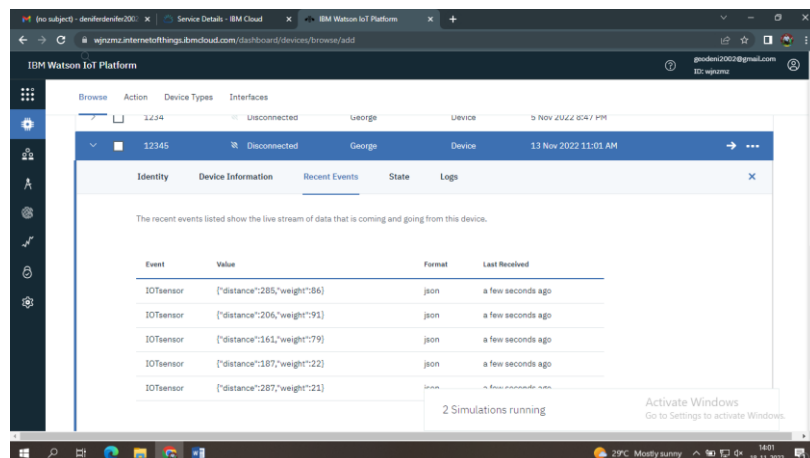
1. Node-RED Connection setup for data transmission from IBM Watson IOT platform to Node-RED dashboard.



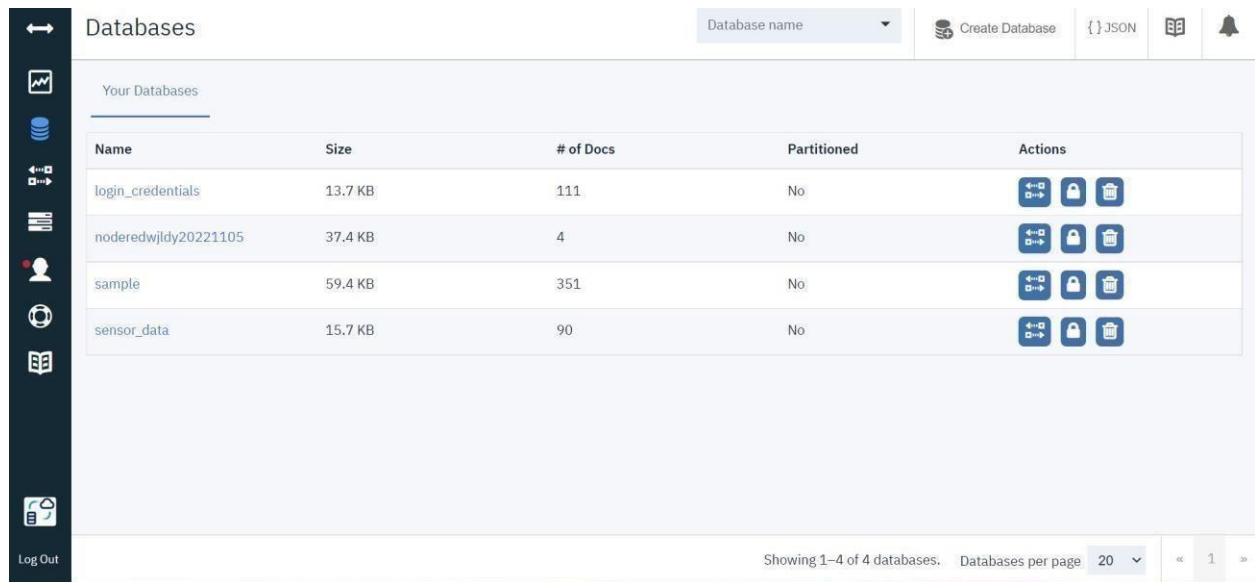
2. Simulate Wokwi connection to transmit data from wokwi account to IBM Watson IOT platform and then to Node Red dashboard.



3. Data transfer to Watson IOT platform.



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

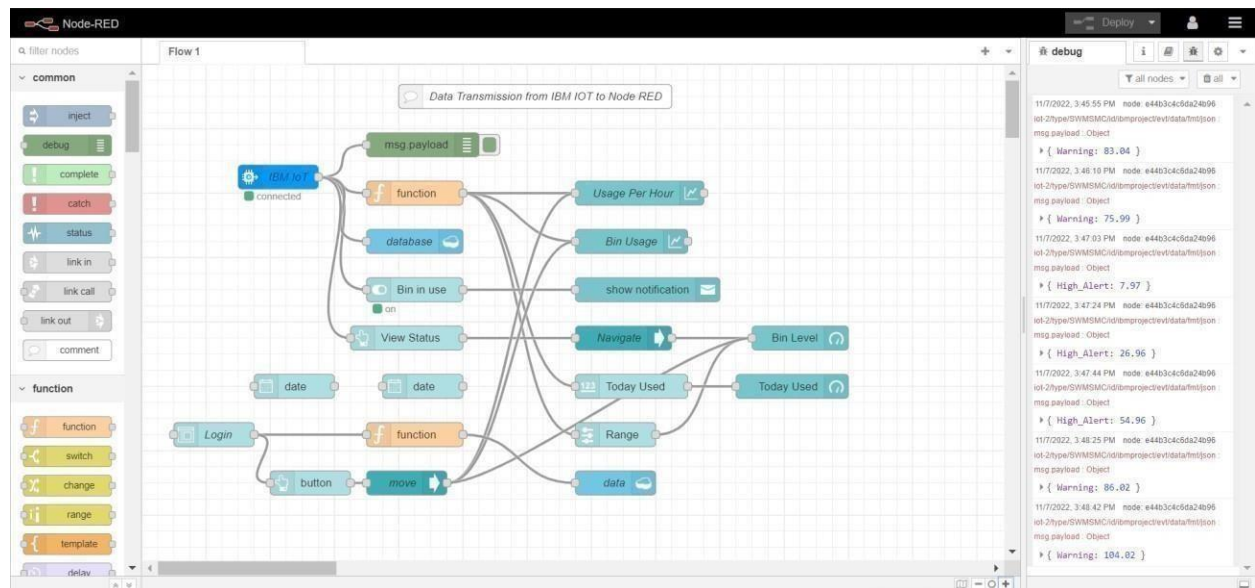


The screenshot shows the IBM Cloudant Databases management console. At the top, there's a 'Databases' header with a 'Database name' dropdown, a 'Create Database' button, and icons for JSON, a document, and a notification bell. Below this is a section titled 'Your Databases' containing a table with the following data:

Name	Size	# of Docs	Partitioned	Actions
login_credentials	13.7 KB	111	No	[Icons for edit, lock, delete]
noderedwjldy20221105	37.4 KB	4	No	[Icons for edit, lock, delete]
sample	59.4 KB	351	No	[Icons for edit, lock, delete]
sensor_data	15.7 KB	90	No	[Icons for edit, lock, delete]

At the bottom of the table, it says 'Showing 1-4 of 4 databases.' and 'Databases per page' is set to 20. There are also navigation arrows and a page number '1'.

5. Storing in database in IBM cloudant DB



6. Data is stored in JSON format

<div> <div>↔</div> <div> <div>sensor_data</div> <div>0198213c192cb2c244cc2433f1802b91</div> </div> <div>{ } JSON</div> <div>🔔</div> </div> <div> <div>Save Changes</div> <div>Cancel</div> <div>Upload Attachment</div> <div>Clone Document</div> <div>Delete</div> </div>	<pre> 1 { 2 "_id": "0198213c192cb2c244cc2433f1802b91", 3 "_rev": "1-cde2dd17c519394df774730c495f8b", 4 "topic": "iot-2/type/SWHSMC/id/ibmproject/evt/data/fmt/json", 5 "payload": { 6 "Warning!!": "244.971e6" 7 }, 8 "deviceId": "ibmproject", 9 "deviceType": "SWHSMC", 10 "eventType": "data", 11 "format": "json" 12 } </pre> <div>Log Out</div>
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7. Web UI

