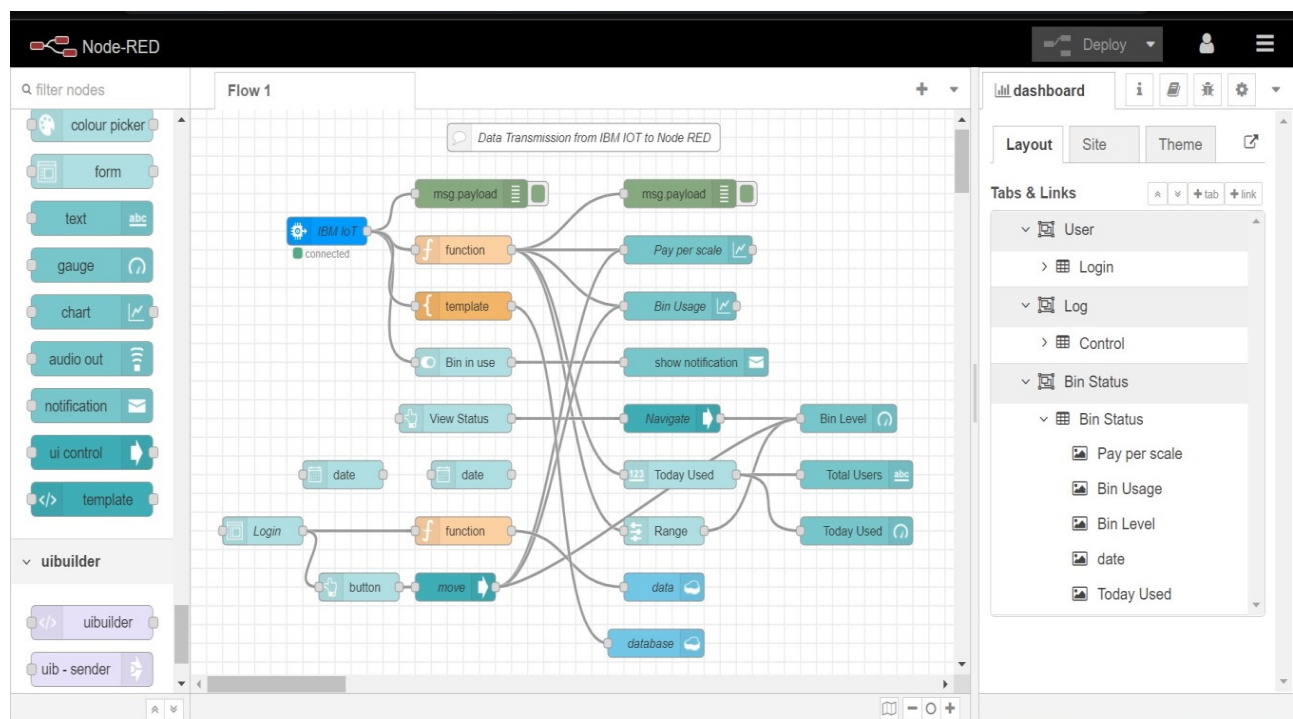


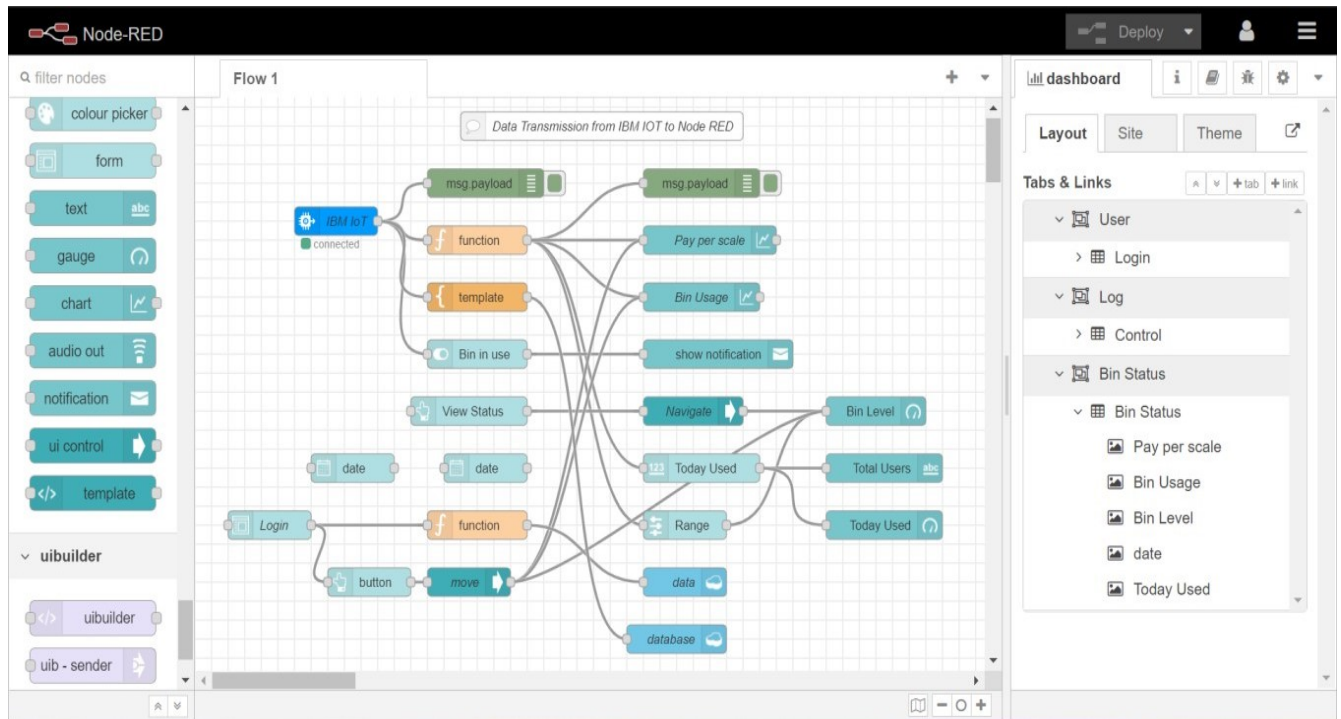
Delivery of Sprint – 4WebUIDesign andDeploy

Date	17 November2022
TeamID	PNT2022TMID04766
ProjectName	SmartWasteManagementforMetropolitanCities- IOT

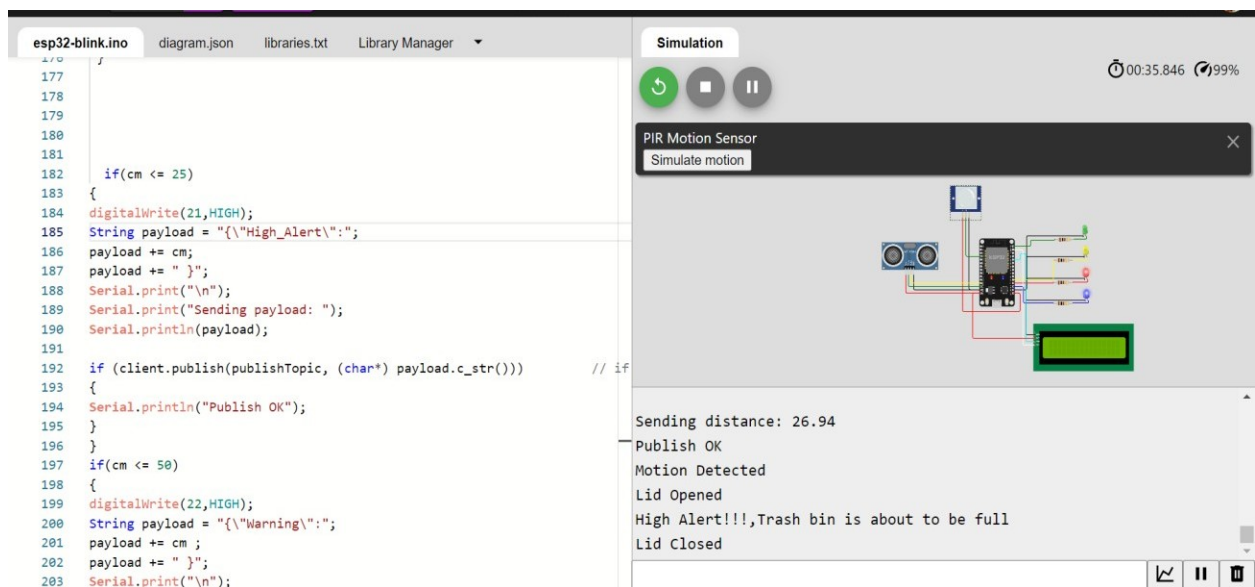
1. Node-RED

ConnectionsetupfordatatransmissionfromIBMWatsonIoTplatformto
Node-RED dashboard.

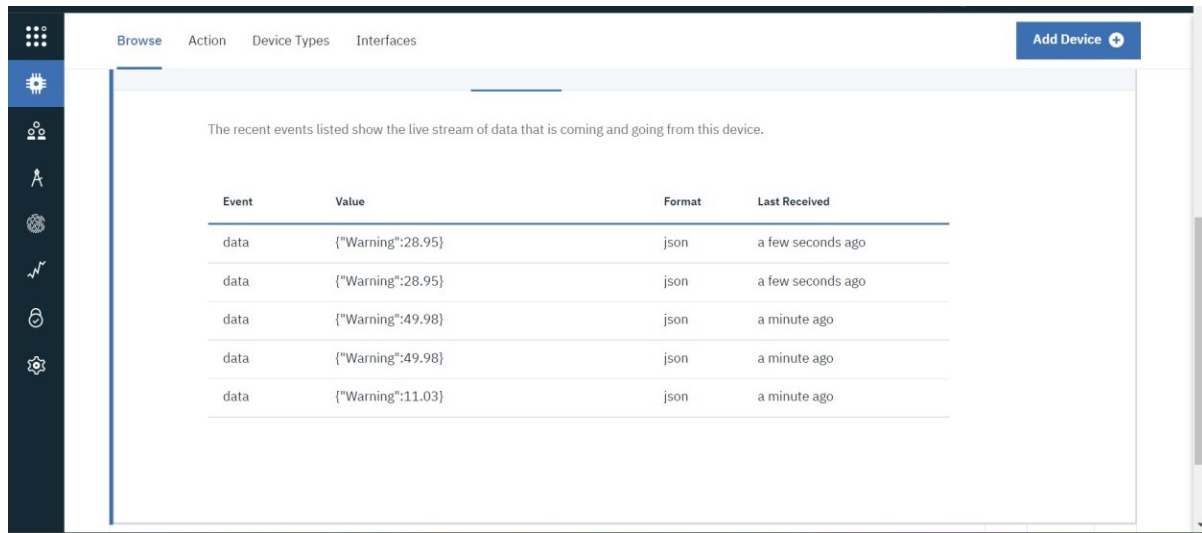




2. Simulate Wokwi connection to transmit data from wokwi account to IBM Watson IoT platform and then to Node Red dashboard.



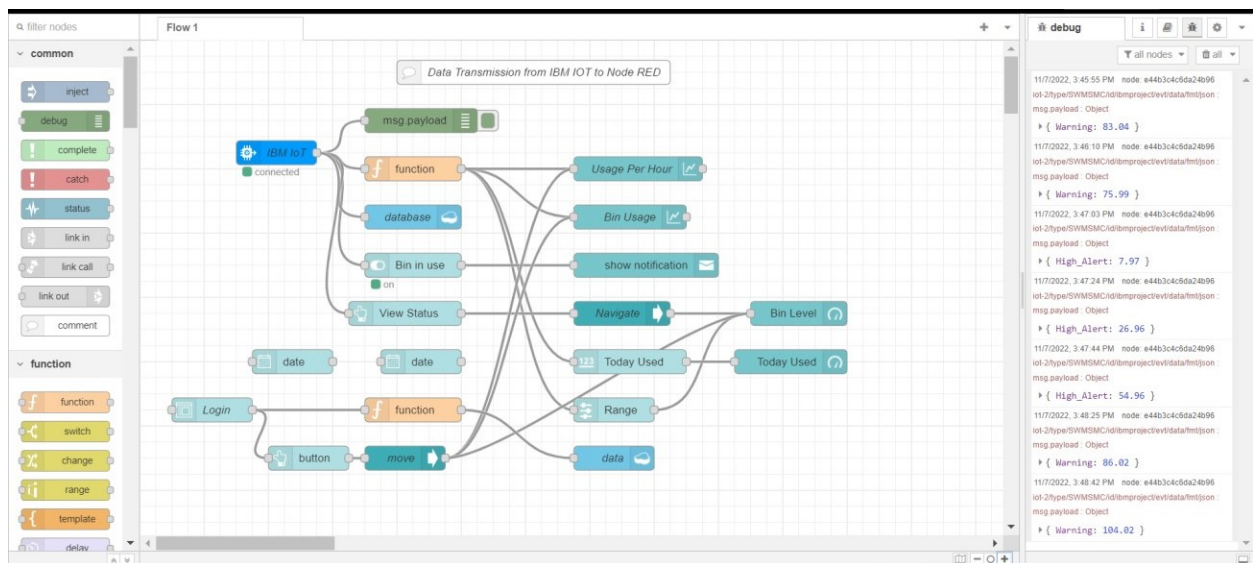
3. DatatransfertoWatsonIOTplatform.



The screenshot shows the IBM Watson IoT platform interface. At the top, there are tabs for 'Browse', 'Action', 'Device Types', and 'Interfaces'. A sidebar on the left contains various icons. The main area displays a message: 'The recent events listed show the live stream of data that is coming and going from this device.' Below this is a table with the following data:

Event	Value	Format	Last Received
data	{"Warning":28.95}	json	a few seconds ago
data	{"Warning":28.95}	json	a few seconds ago
data	{"Warning":49.98}	json	a minute ago
data	{"Warning":49.98}	json	a minute ago
data	{"Warning":11.03}	json	a minute ago

4. Datatransfer fromIBMWatson IOT platformandwokwitoNodered



5. Storing database in IBM cloudant DB.

The screenshot shows the IBM Cloudant 'Databases' page. At the top, there's a 'Database name' dropdown, a 'Create Database' button, and icons for JSON, a book, and a 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]

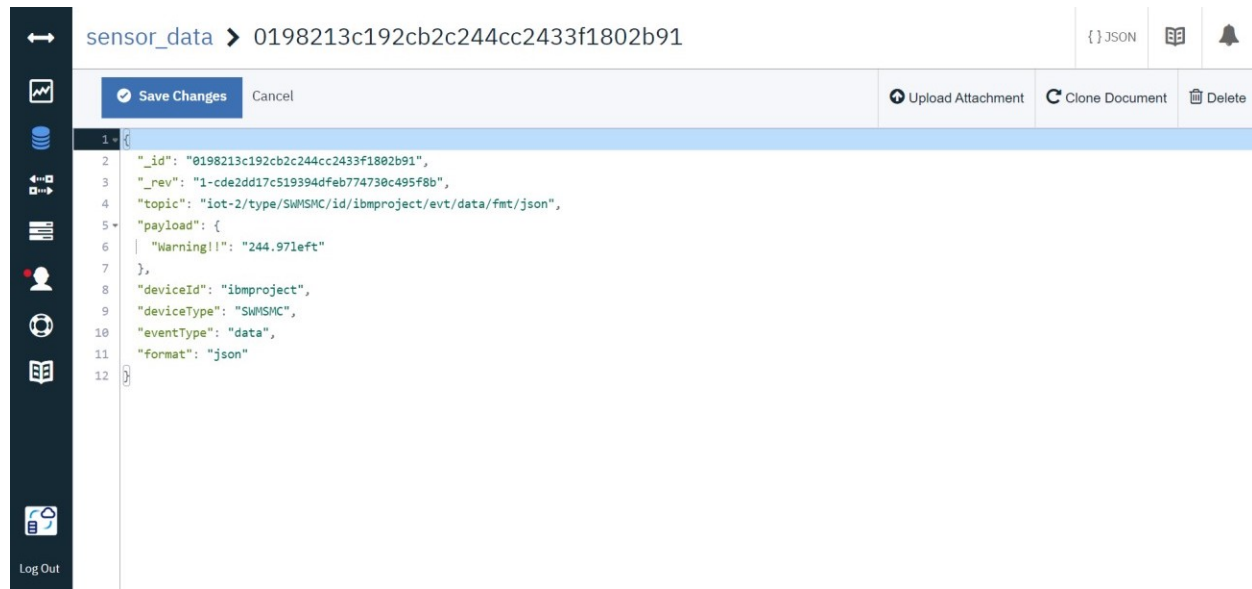
At the bottom right, it says 'Showing 1-4 of 4 databases. Databases per page: 20' with pagination controls.

The screenshot shows the 'sensor_data' database view in IBM Cloudant. The left sidebar has a 'sensor_data' header and a menu with 'All Documents', 'Query', 'Permissions', 'Changes', and 'Design Documents'. The main area has tabs for 'Table', 'Metadata', and 'JSON', with a 'Create Document' button. The 'Table' view displays a list of documents with columns 'id', 'key', and 'value'. The first few rows are:

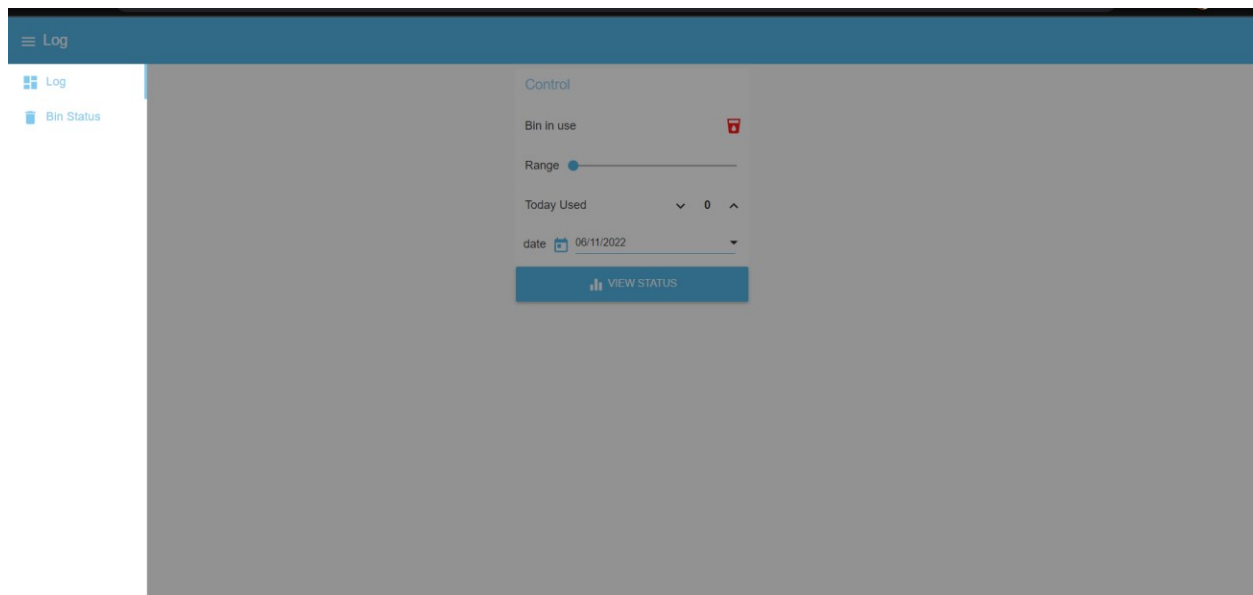
id	key	value
0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{ "rev": "1-cde2dd17c519394df..." }
0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{ "rev": "1-d26c5b40891e13c6c..." }
0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{ "rev": "1-cde2dd17c519394df..." }
0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{ "rev": "1-f96eb0460bc16cfab0..." }
1a921f21cbe229b86f599acb45...	1a921f21cbe229b86f599acb45...	{ "rev": "1-7226f08794cd47b7c..." }
1a921f21cbe229b86f599acb45...	1a921f21cbe229b86f599acb45...	{ "rev": "1-1bbdd9a985bd56cf9..." }
20a854e5445fa818e6c1de049...	20a854e5445fa818e6c1de049...	{ "rev": "1-7226f08794cd47b7c..." }
20a854e5445fa818e6c1de049...	20a854e5445fa818e6c1de049...	{ "rev": "1-3ad288ecad57f039e..." }
20a854e5445fa818e6c1de049...	20a854e5445fa818e6c1de049...	{ "rev": "1-1bbdd9a985bd56cf9..." }
298ed6fhd9h3b815f5ac7c061e...	298ed6fhd9h3b815f5ac7c061e...	{ "rev": "1-4e72d0f6e5307a1h9..." }

At the bottom right, it says 'Showing document 1 - 20. Documents per page: 20' with pagination controls.

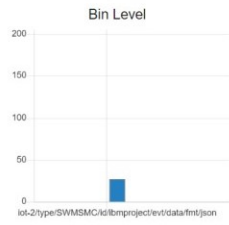
6. Dataisstoredin JSONformat



7. WebUI



Bin Status



date 06/11/2022

