

Delivery of sprint -3

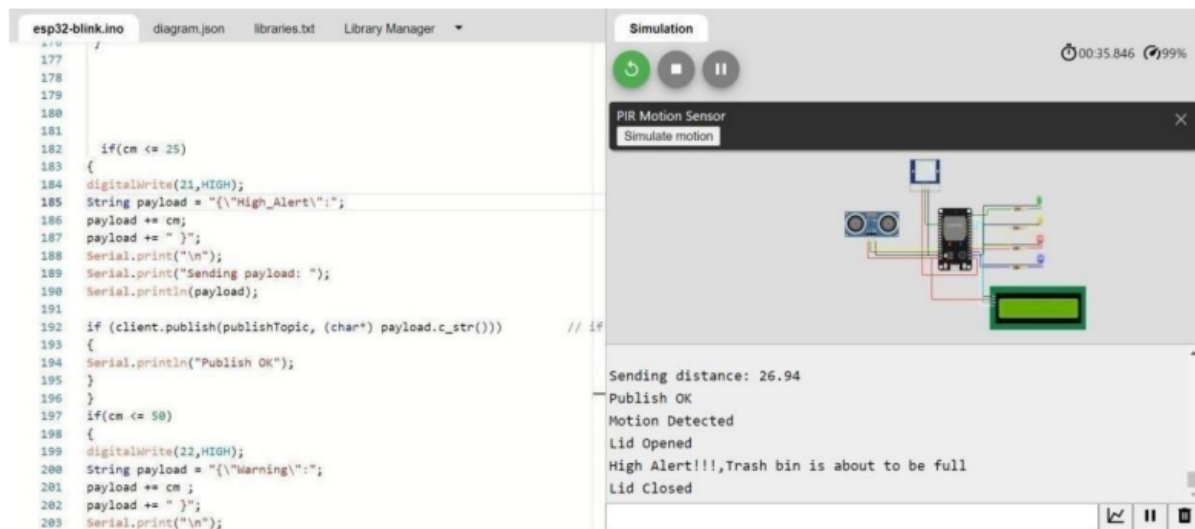
Node Red Connection to IBM Cloudant

TEAM ID	PNT2022TMID25739
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.

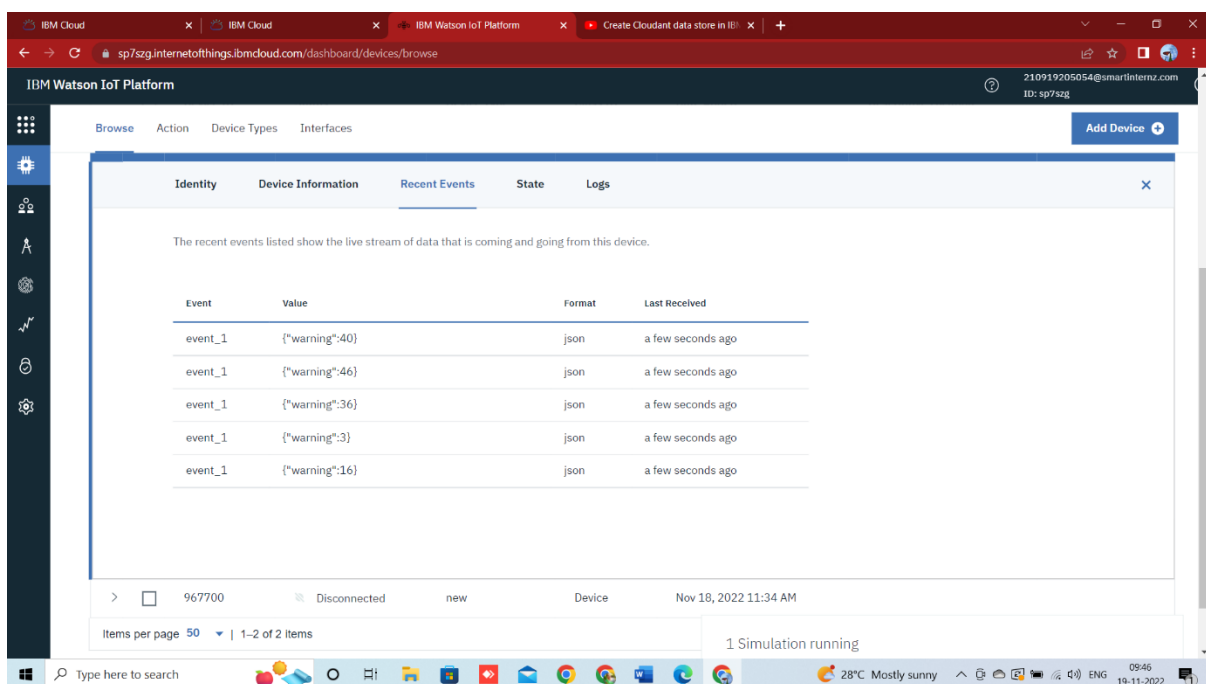
The screenshot displays the Node-RED web interface in a browser. The address bar shows the URL: `node-red-2.au-syd.mybluemix.net/red/#flow/f11b336b79649312`. The interface includes a left sidebar with a 'filter nodes' search bar and a list of node categories: 'output' (containing 'OpenWhisk') and 'sequence' (containing 'split', 'join', 'sort', 'batch'). The main workspace shows five flows (Flow 1 to Flow 5). Flow 1 is the active flow and contains the following nodes: an 'IBM IOT' node, a 'msg.payload' node, a 'Distance 1' node, a 'Load cell 1' node, a 'Function 1' node, and an 'http' node. The flow is configured to receive data from the IBM IOT node, process it through the 'Distance 1' and 'Load cell 1' nodes, and then send it to the 'Function 1' node, which finally outputs to the 'http' node. The other flows (Flow 2 to Flow 5) follow a similar pattern with different node IDs and labels (e.g., 'Distance 2', 'Load cell 2', 'Function 2', 'http'). The bottom of the interface shows a taskbar with two PDF files: 'Use Dashboard No....pdf' and 'Web Application U....pdf', and a 'Show all' button.

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.



5. Storing database in IBM cloudant DB .

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Databases

Database name ▾

Create Database

JSON

Your Databases

Name	Size	# of Docs	Partitioned	Actions
login_credentials	13.7 KB	111	No	
noderedw@dy20221105	37.4 KB	4	No	
sample	59.4 KB	351	No	
sensor_data	15.7 KB	90	No	

Log Out

Showing 1-4 of 4 databases. Databases per page 20 ▾

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