

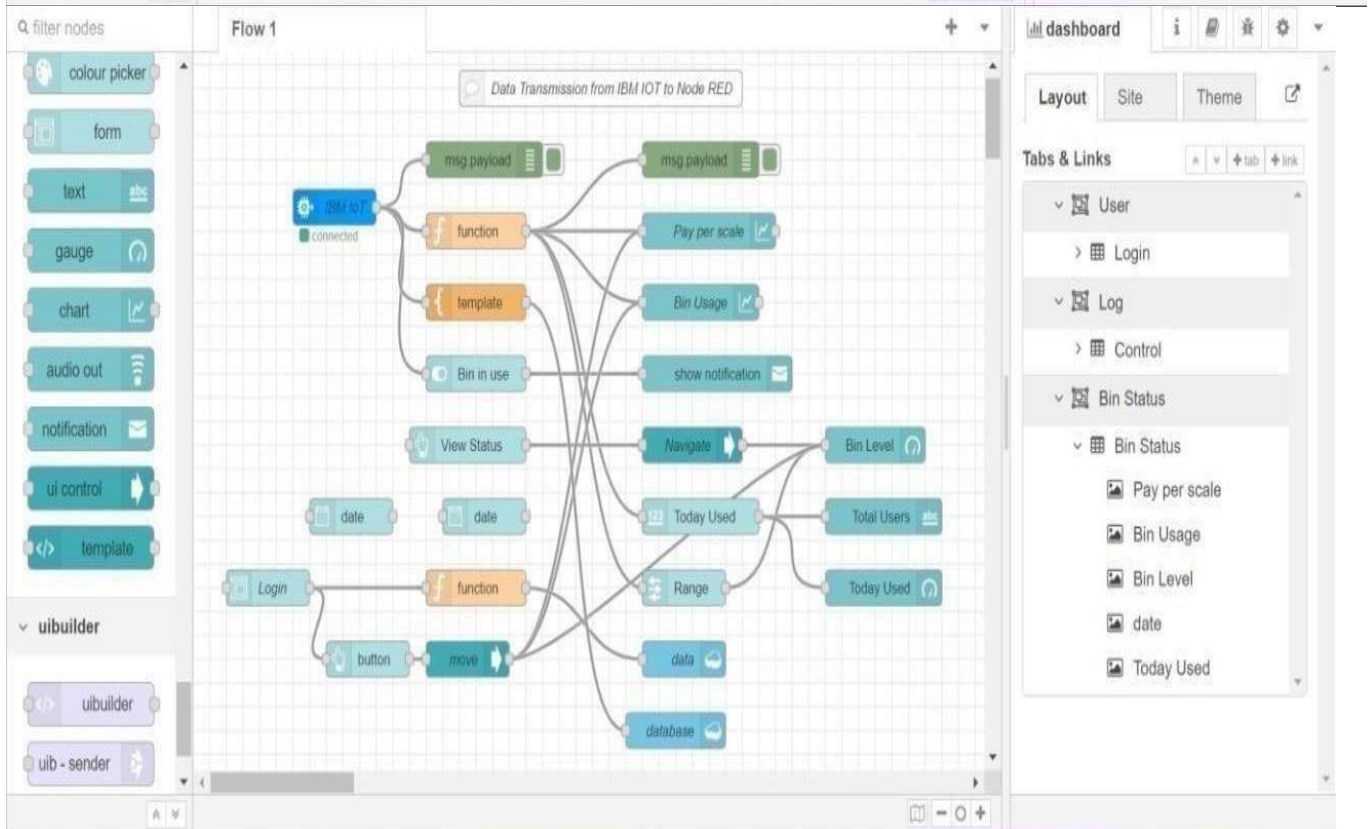
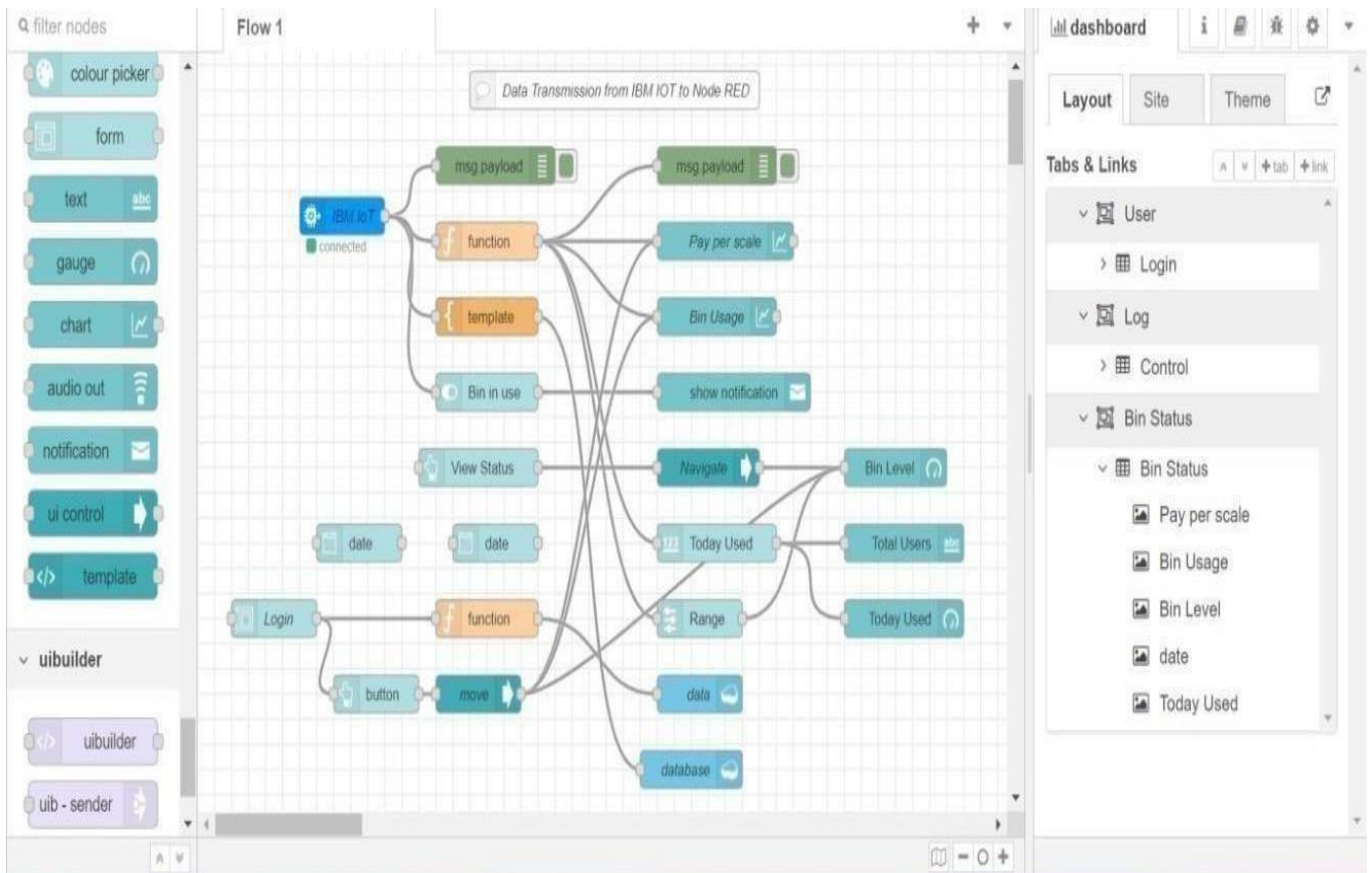
## DELIVERY OF SPRINT-3

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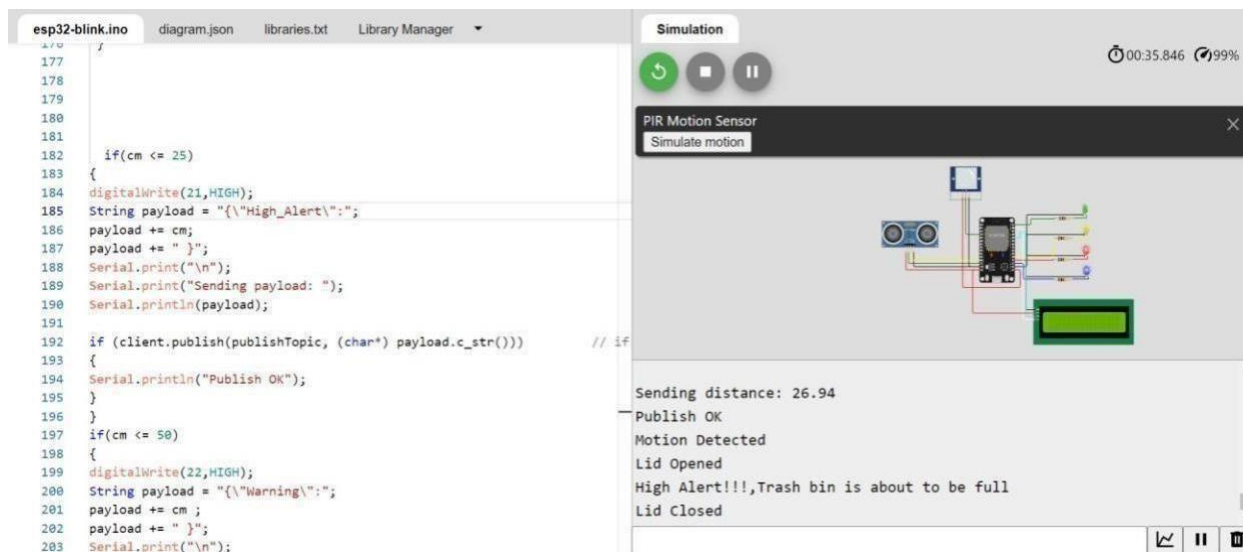
### **Node Red Connection to IBM** **Cloudant**

Date	16 November 2022
Team ID	PNT2022TMID29359
Project Name	Smart Waste Management system for metropolitan Cities
Maximum Marks	4 Marks

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

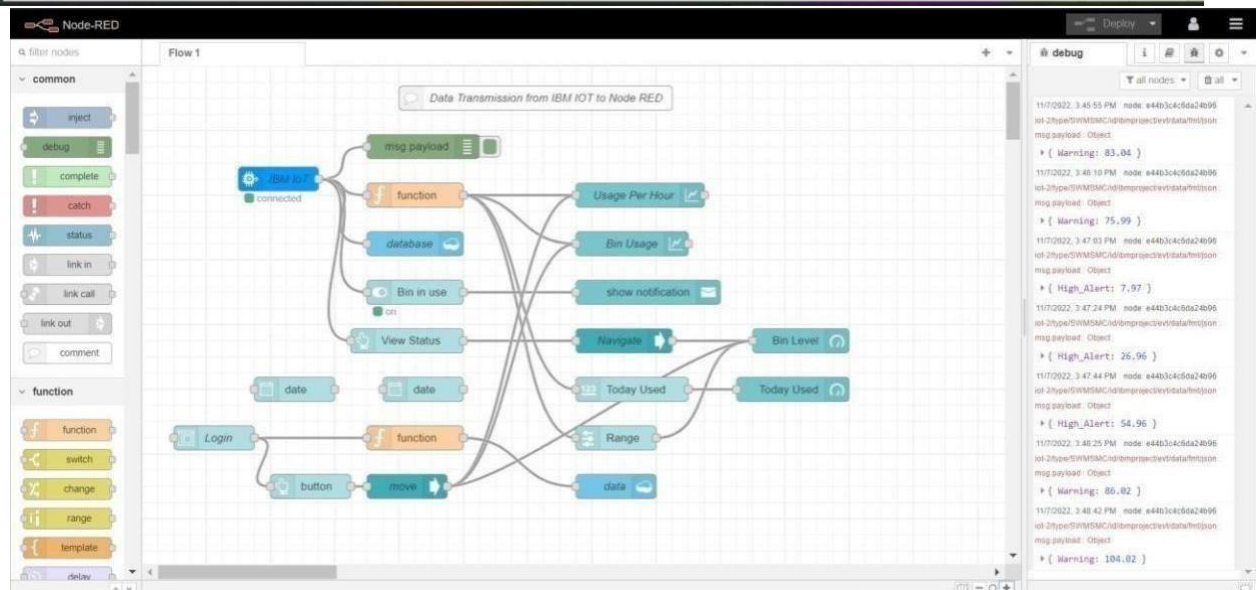


2. Simulate Wokwi connection to transmit data from wokwi account to IBM Watson IOT platform and then to Node Red dashboard.



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

Browse   Action   Device Types   Interfaces				Add Device +	
The recent events listed show the live stream of data that is coming and going from this device.					
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		



5. Storing database in IBM cloudant DB.

6. Data is stored in JSON format



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1 {  
2   "_id": "0198213c192cb2c244cc2433f1802b91",  
3   "_rev": "1-cde2dd17c519394dfb774730c495f8b",  
4   "topic": "iot-2/type/SWMSMC/id/ibmproject/evt/data/fmt/json",  
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6     "Warning!!": "244.97left"  
7   },  
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9   "deviceType": "SWMSMC",  
10  "eventType": "data",  
11  "format": "json"  
12 }
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