# Delivery of Sprint – 3

## Node Red Connection to IBM Cloudant

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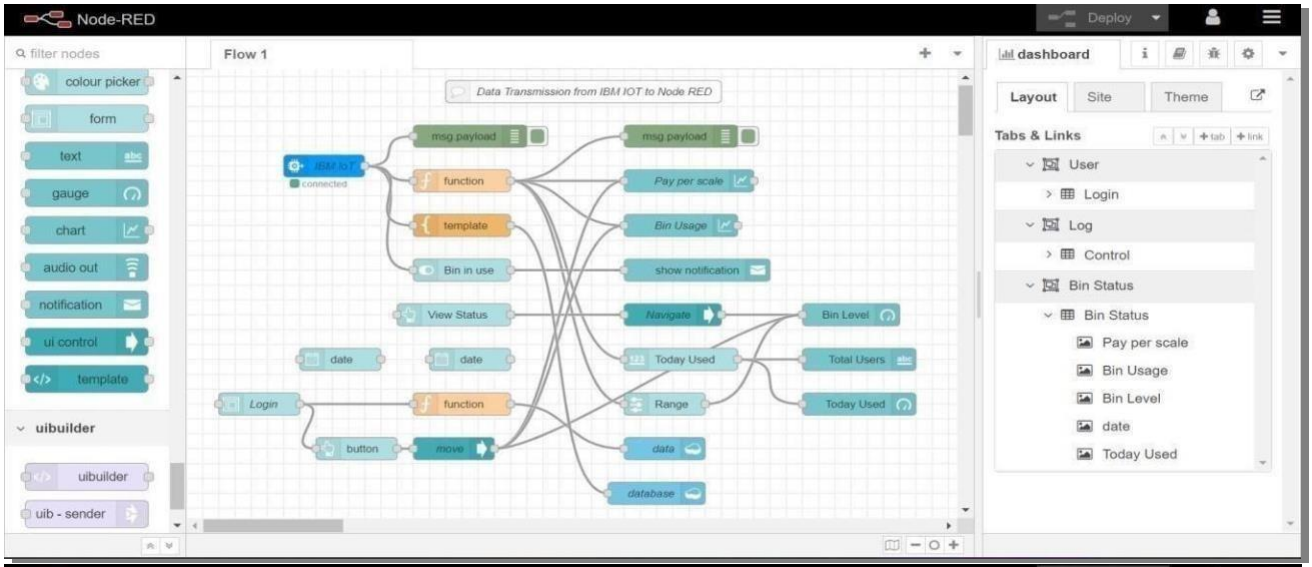
|---|---|
| **Date** | **18 November 2022** |
| **Team ID** | **PNT2022TMID26856** |
| **Project Name** | **Smart Waste Management for Metropolitan Cities** |

## Steps:

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


Node-RED
Deploy
filter nodes
Flow 1
dashboard
Layout
Site
Theme
Tabs & Links
colour picker
form
text
gauge
chart
audio out
notification
ui control
template
uibuilder
uibuilder
uib - sender
Data Transmission from IBM IOT to Node RED
IBM IoT
connected
msg.payload
function
template
Bin in use
View Status
date
Login
button
move
Pay per scale
Bin Usage
show notification
Navigate
Today Used
Range
data
database
Bin Level
Total Users
User
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Control
Bin Status
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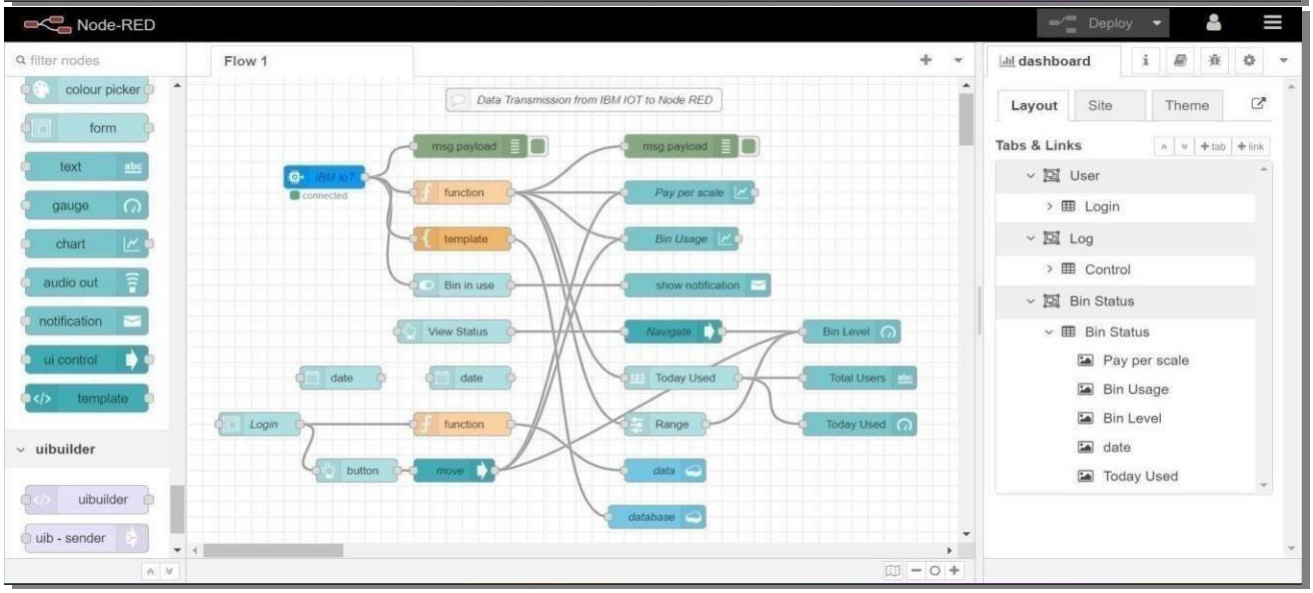
date
Today Used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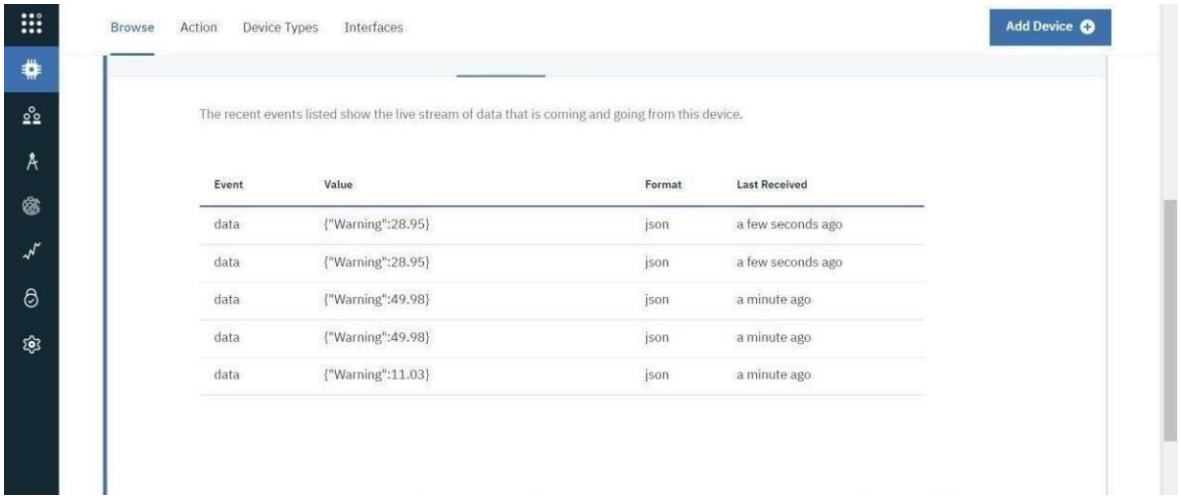
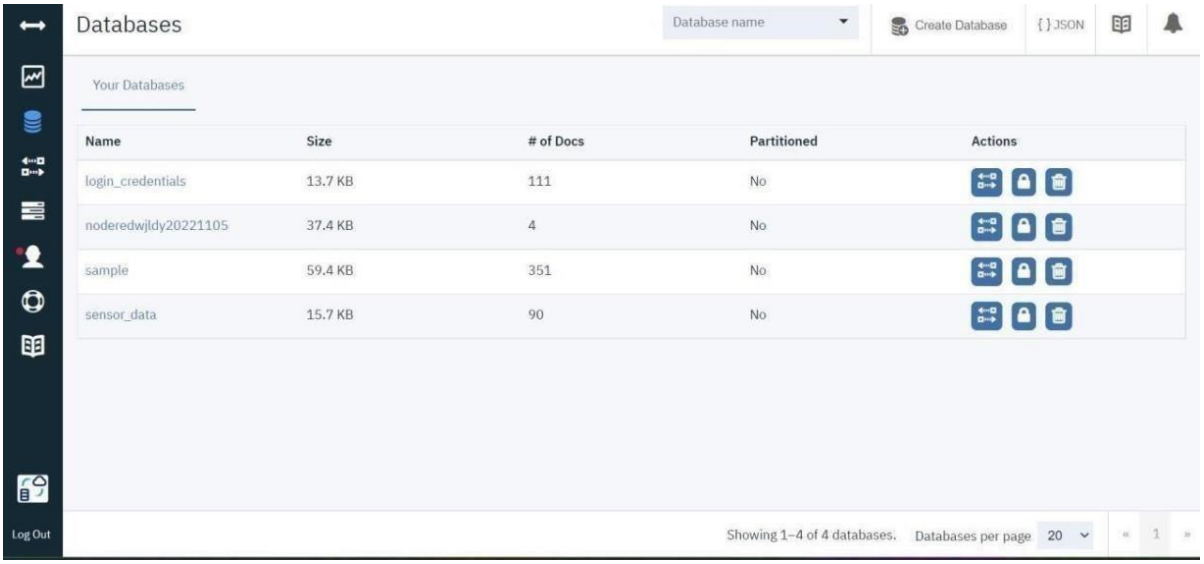
1. Simulate Wokwi connection to transmit data from wokwi account to IBM Watson IOT platform and then to Node Red dashboard.

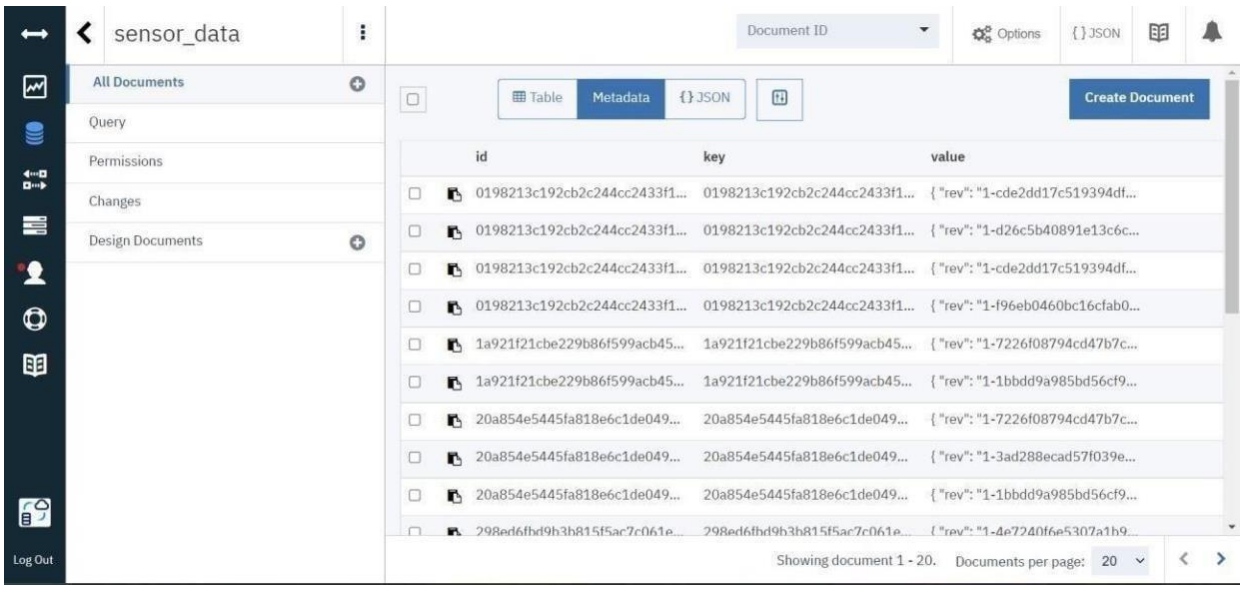
2. Data transfer to Watson IOT platform.

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



4. Storing database in IBM cloudant DB.

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