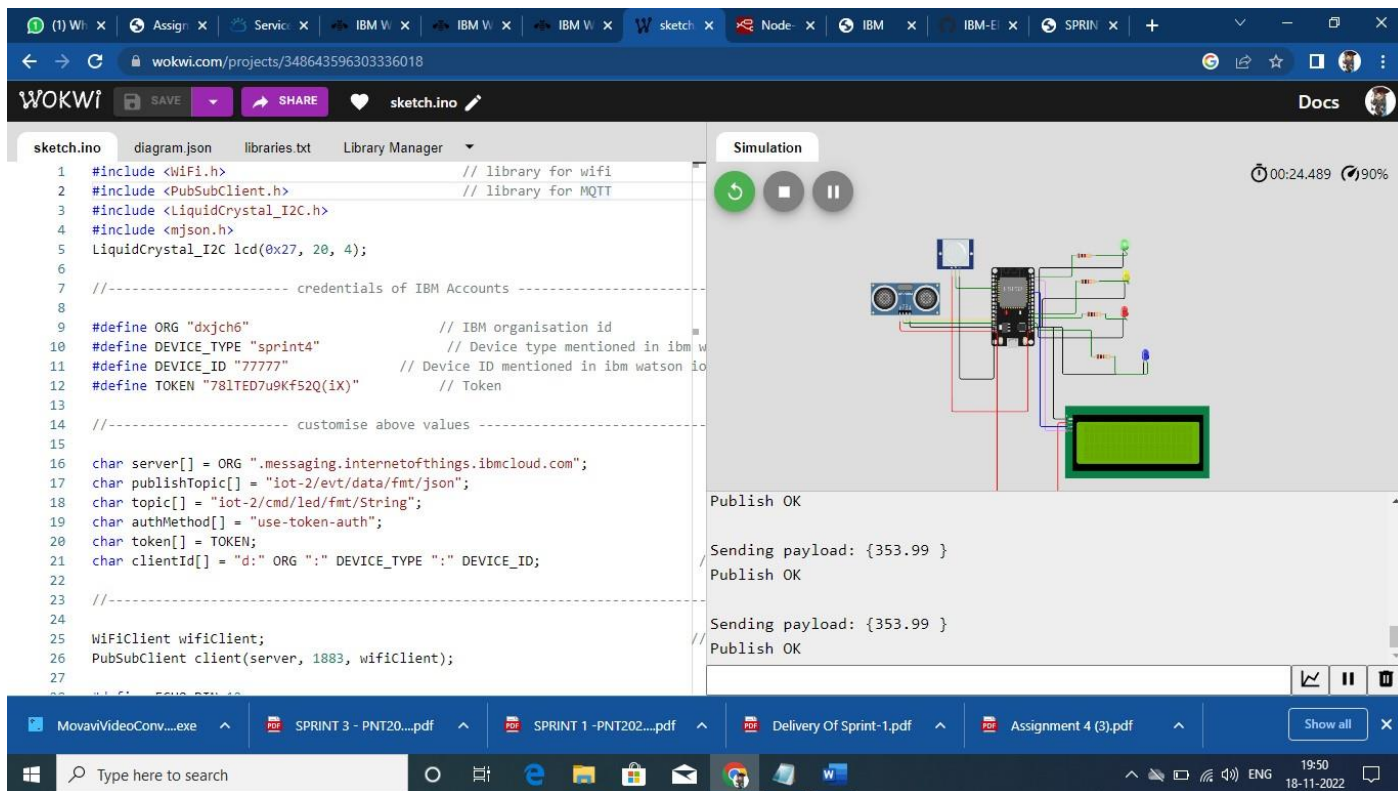


Final Deliverables

Date	5 November 2022
Team ID	PNT2022TMID36751
Project Name	Smart Waste Management for Metropolitan Cities

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

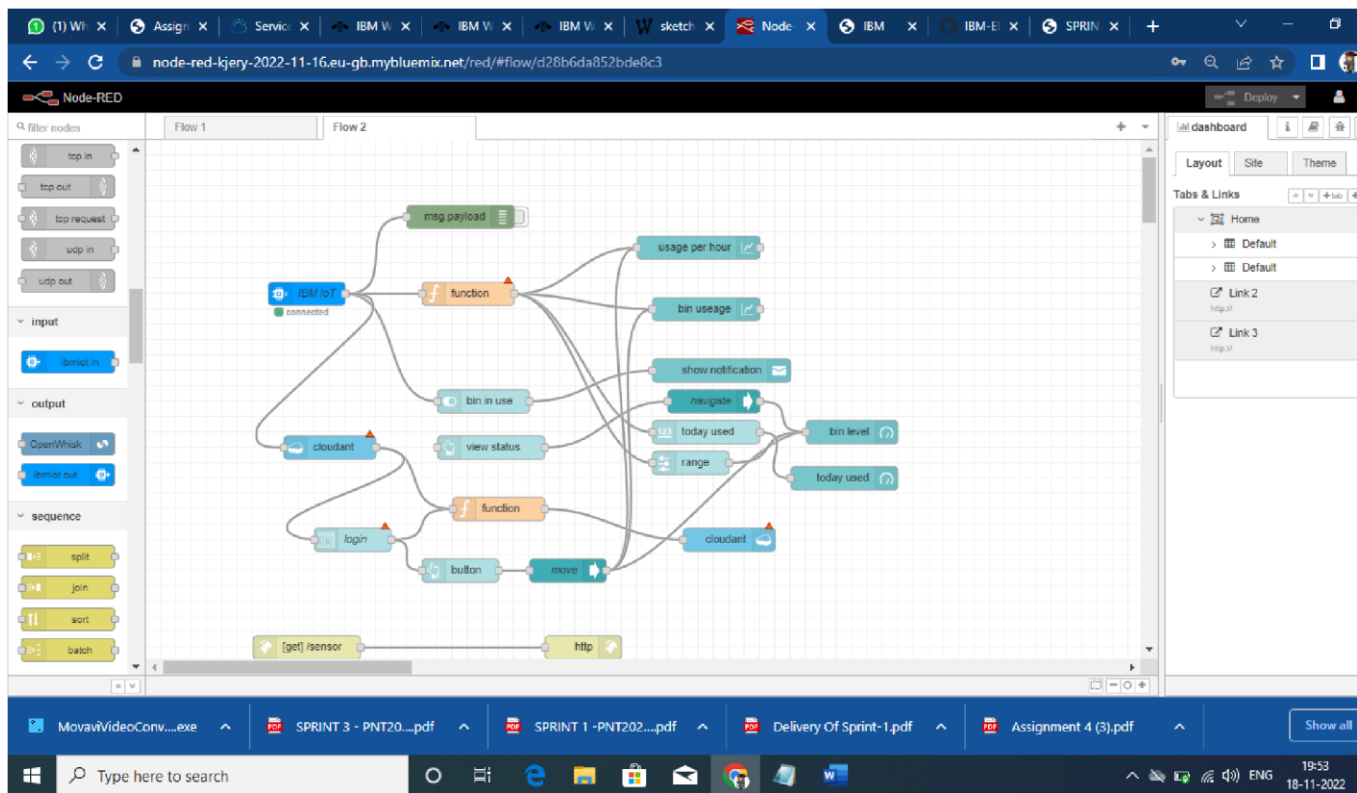
Link: <https://wokwi.com/projects/348643596303336018>



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

Wokwi link: <https://wokwi.com/projects/348643596303336018>

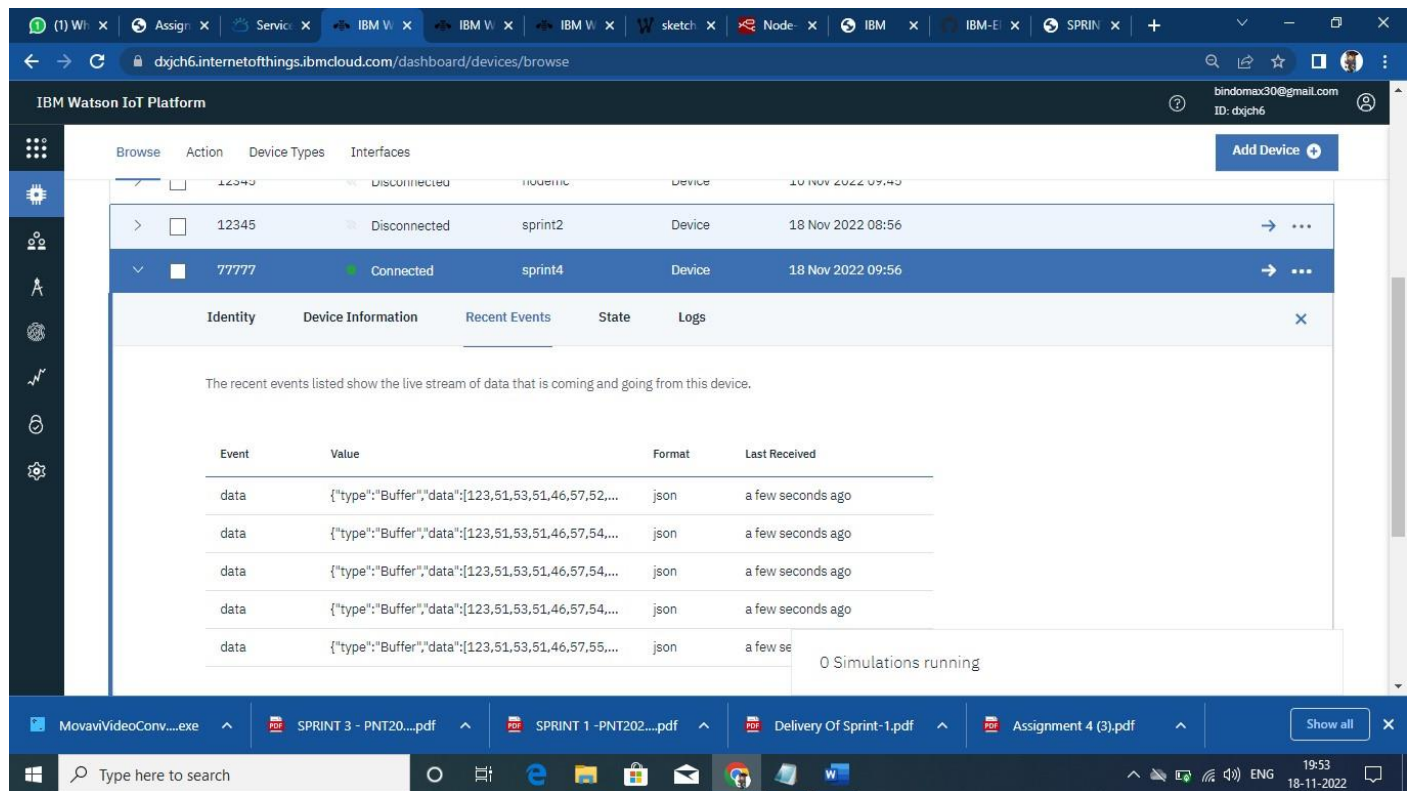
Ui: <https://node-red-kjery-2022-11-16.eugb.mybluemix.net/ui/#!/2?socketid=s6fVy94Kt372gLdRAABc>



1. Data transfer to Watson IOT platform.

Wokwi link: <https://wokwi.com/projects/348643596303336018>

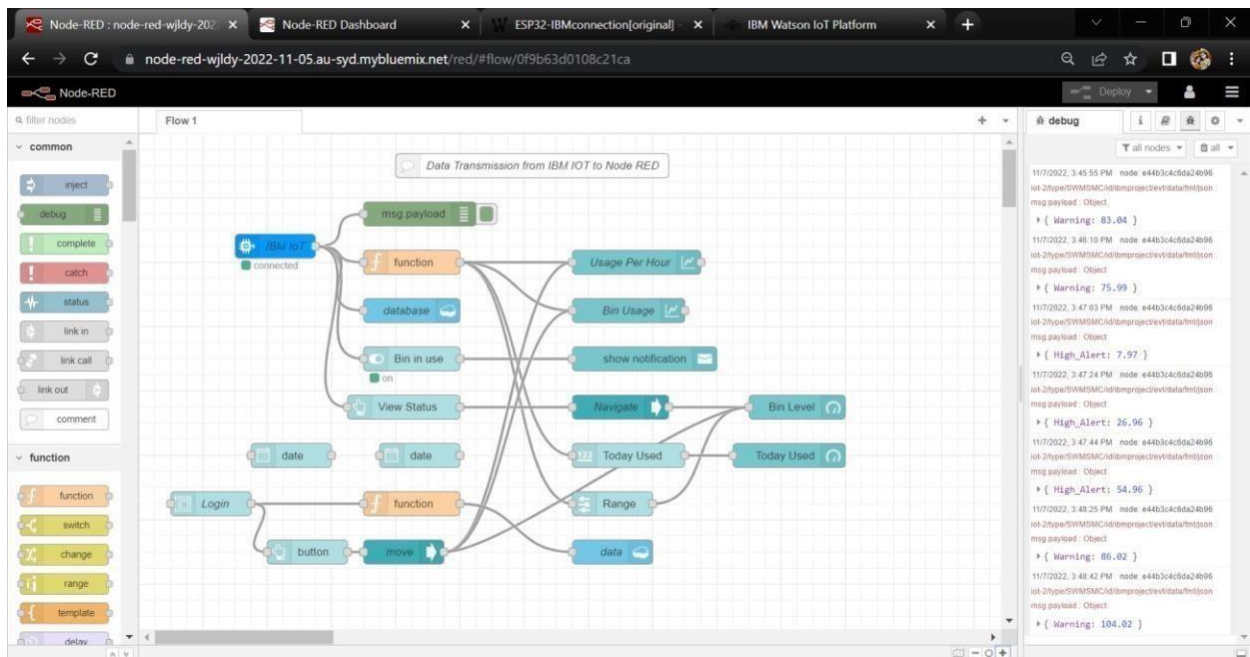
Ui: <https://node-red-kjery-2022-11-16.eu-gb.mybluemix.net/ui/#/2?socketid=s6fVy94Kt372gLdRAABc>



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

Wokwi link:<https://wokwi.com/projects/348643596303336018>

Ui:<https://node-red-kjery-2022-11-16.eugb.mybluemix.net/ui/#!/2?socketid=s6fVy94Kt372gLdRAABc>



5 . Storing database in IBM cloudant DB.

Wokwi link: <https://wokwi.com/projects/348643596303336018>

Ui: <https://node-red-kjery-2022-11-16.eugb.mybluemix.net/ui/#!/2?socketid=s6fVy94Kt372gLdRAABc>

Databases

Database name

Create Database

{ } JSON

Your Databases

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

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

sensor_data

Document ID

Options

{ } JSON

All Documents

Query

Permissions

Changes

Design Documents

Create Document

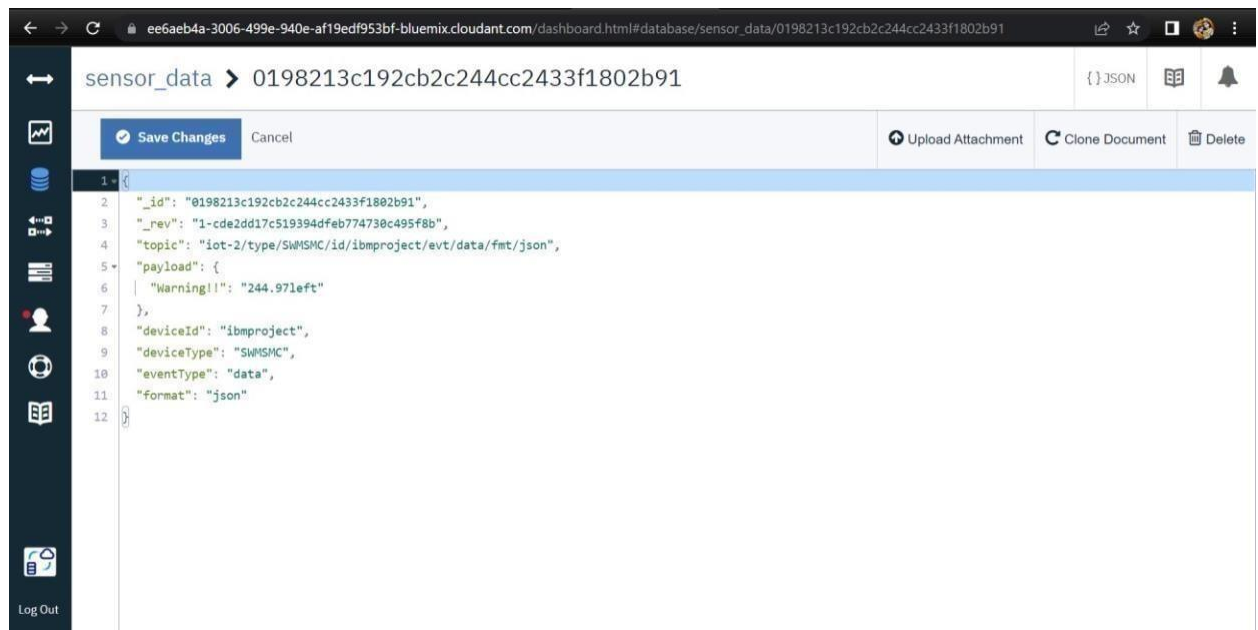
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Showing document 1 - 20. Documents per page: 20

6. Data is stored in JSON format

Wokwi link: <https://wokwi.com/projects/348643596303336018>

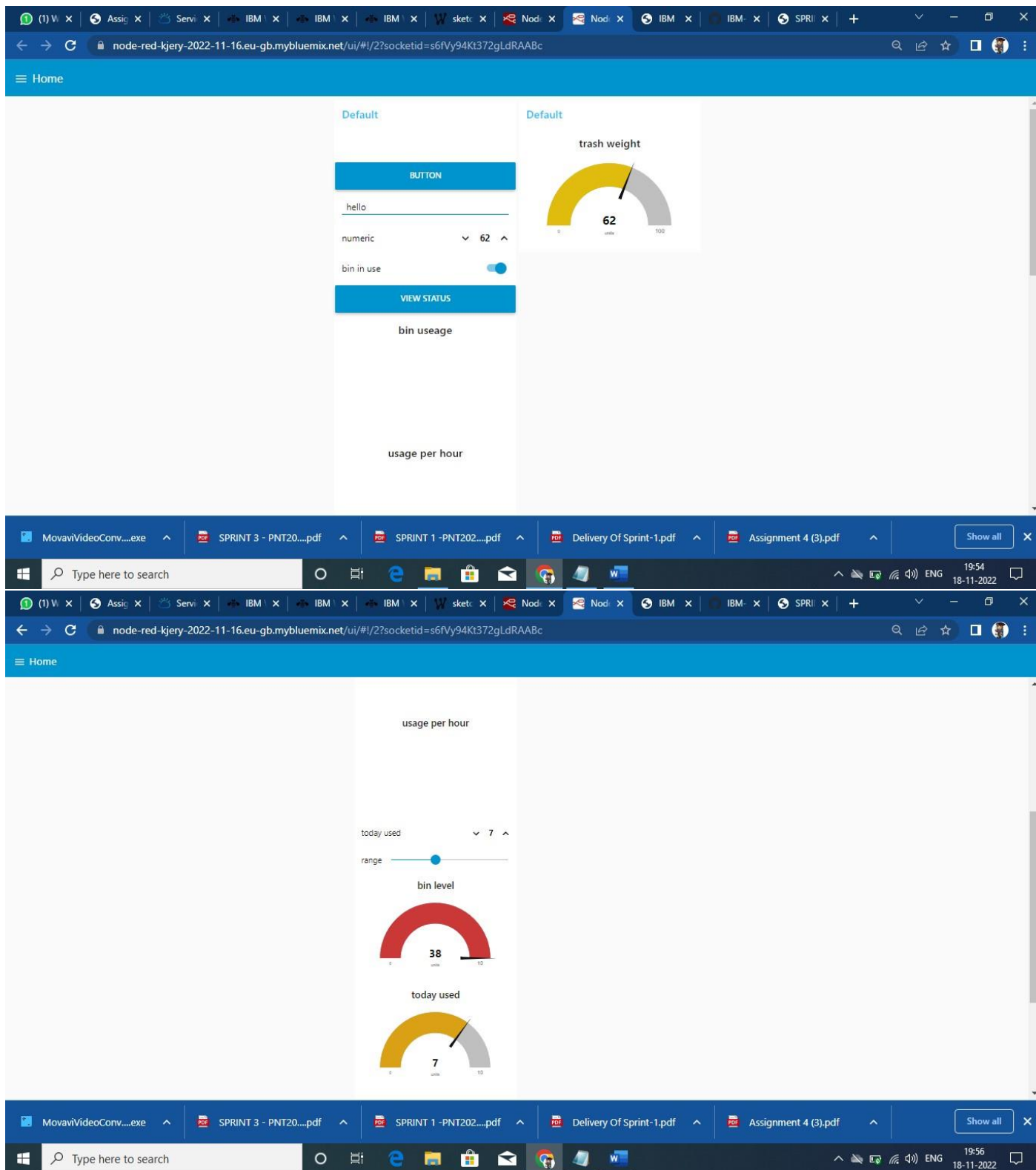
Ui: <https://node-red-kjery-2022-11-16.eugb.mybluemix.net/ui/#!/2?socketid=s6fVy94Kt372gLdRAABc>



7. Web UI

Wokwi link: <https://wokwi.com/projects/348643596303336018>

Ui: <https://node-red-kjery-2022-11-16.eugb.mybluemix.net/ui/#!/2?socketid=s6fVy94Kt372gLdRAABc>



Wokwi link: <https://wokwi.com/projects/348643596303336018>

Ui: <https://node-red-kjery-2022-11-16.eugb.mybluemix.net/ui/#!/2?socketid=s6fVy94Kt372gLdRAABc>