

USE DASHBOARD NODES FOR CREATING UI (WEB APPS)

Team ID	PNT2022TMID45392
Project Name	Smart waste management system for metropolitan cities

Step 1: Open Node red and pick and place blocks according to python script flow

Step2: Make sure necessary blocks are installed in Node Red

Step 3: After creating the flow click on deploy

Step 4: Output is displayed in Node-red Debug window

Step 5: Also, web UI can also be seen by the URL followed by/ui

The screenshot displays the Node-RED web interface in a browser. The top navigation bar includes tabs for 'Node-RED: node-red-j', 'Service Details - IBM C', 'IBM Watson IoT Platf', and 'Node-RED Dashboard'. The address bar shows the URL 'node-red-jrjrt-2022-11-11.eu-gb.mybluemix.net/red/#flow/8263b4a35a10e266'. The main workspace is divided into 'Flow 1' and 'Flow 2'. Flow 1 contains several IoT nodes (IBM IoT) connected to distance nodes (distance1, distance2, distance3, distance4) and load cell nodes (loadcell1, loadcell2, loadcell3, loadcell4). These are further connected to function nodes (function1, function2, function3, function4) and HTTP nodes (http). Flow 2 contains similar IoT and distance nodes connected to load cell nodes and function nodes. The left sidebar shows a 'filter nodes' search bar and a 'network' category with various input/output nodes like 'mqtt in', 'http in', 'websocket in', etc. The right sidebar shows the 'debug' console with a list of all nodes and a detailed view of the current message. The message details show an MQTT message with a payload of 'undefined' and a timestamp of '11/18/2022, 12:56:34 PM'. The bottom of the screen shows the Windows taskbar with the search bar and various application icons.

control

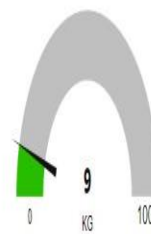
Distance 1

LOAD CELL 1



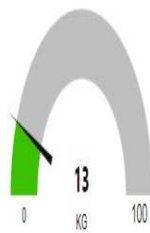
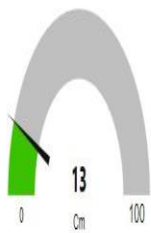
Distance 2

LOAD CELL 2



Distance 3

LOAD CELL 3



Distance 4

LOAD CELL 4

