

Use Dashboard Nodes for Creating UI (Web Apps)

Team ID	PNT2022TMID04593
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

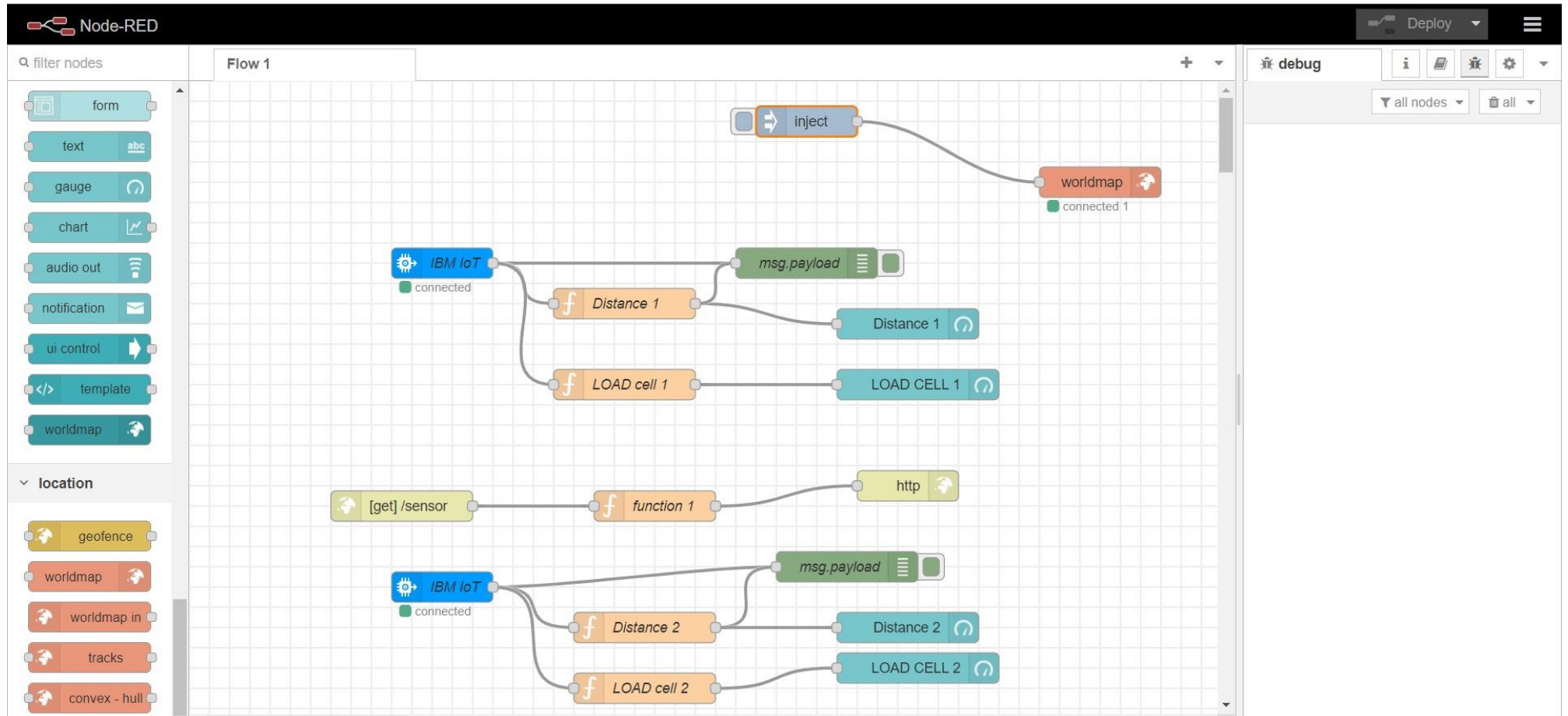
Step 3: After creating the flow click on deploy

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

Screenshots:

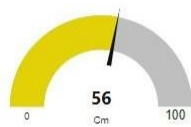
1. NODE – RED FLOW



NODE – RED UI

control

Distance 1



LOAD CELL 1



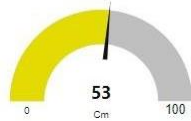
Distance 2



LOAD CELL 2



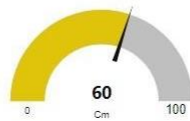
Distance 3



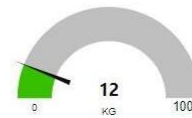
LOAD CELL 3



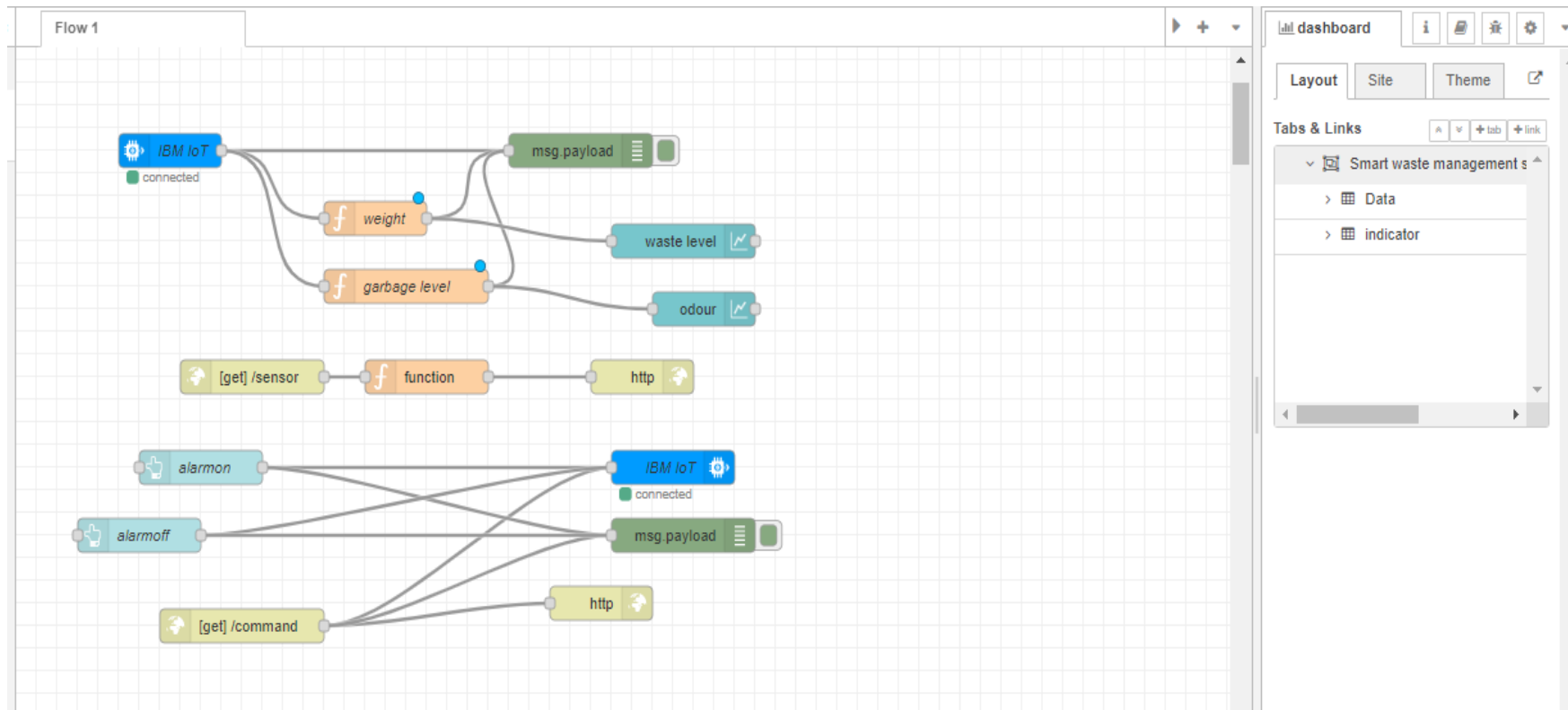
Distance 4



LOAD CELL 4



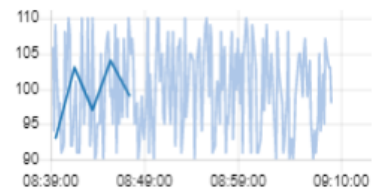
ANOTHER EXAMPLE USING NODE RED FOR SMART WASTE MANAGEMENT SYSTEM



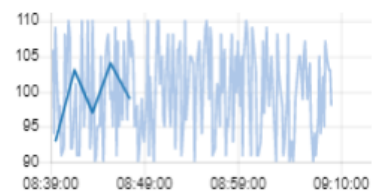
Smart waste management system for metropilitan cities

Data

odour



waste level



indicator

ALARMOFF

ALARMON