Use Dashboard Nodes for Creating UI (Web Apps)

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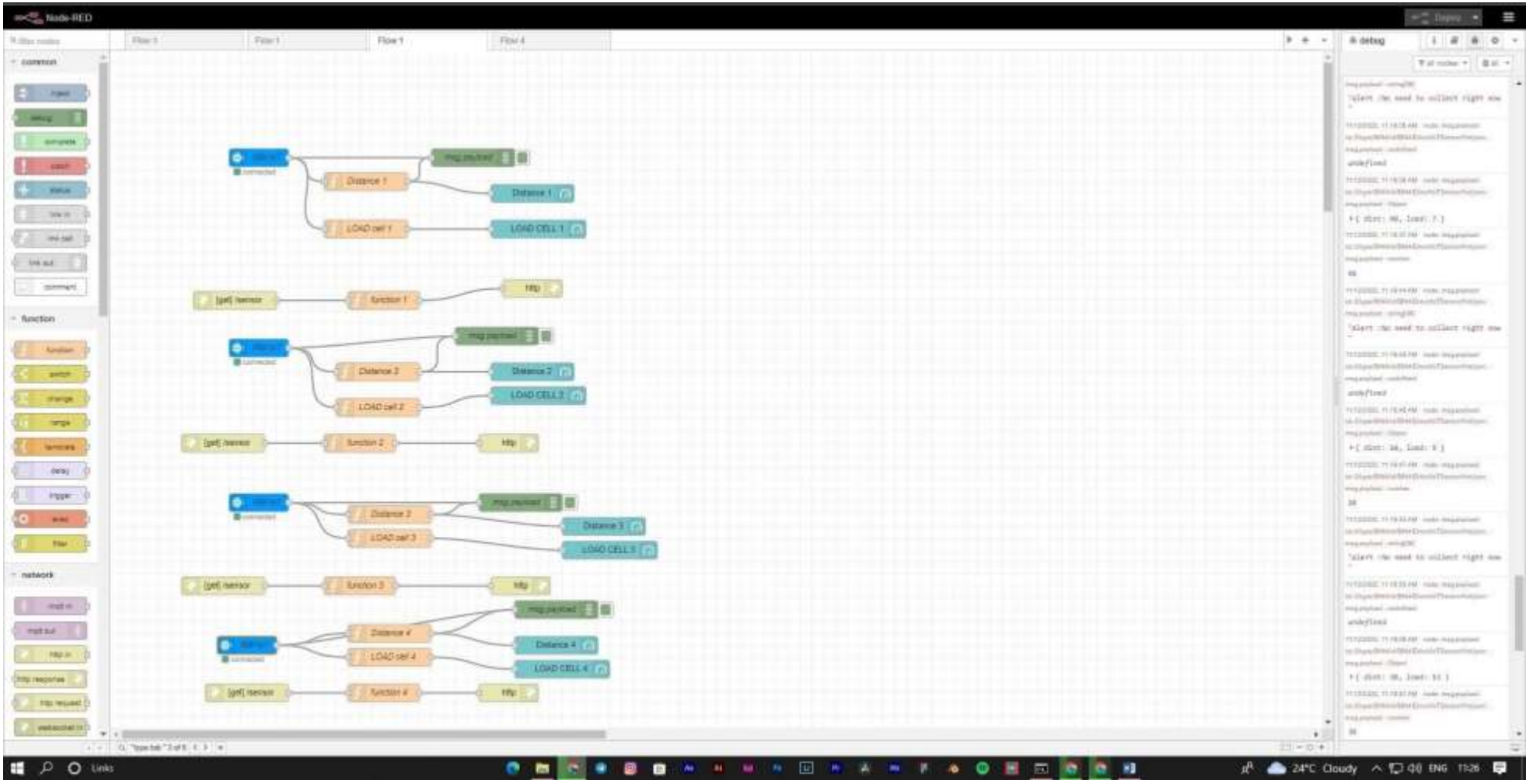
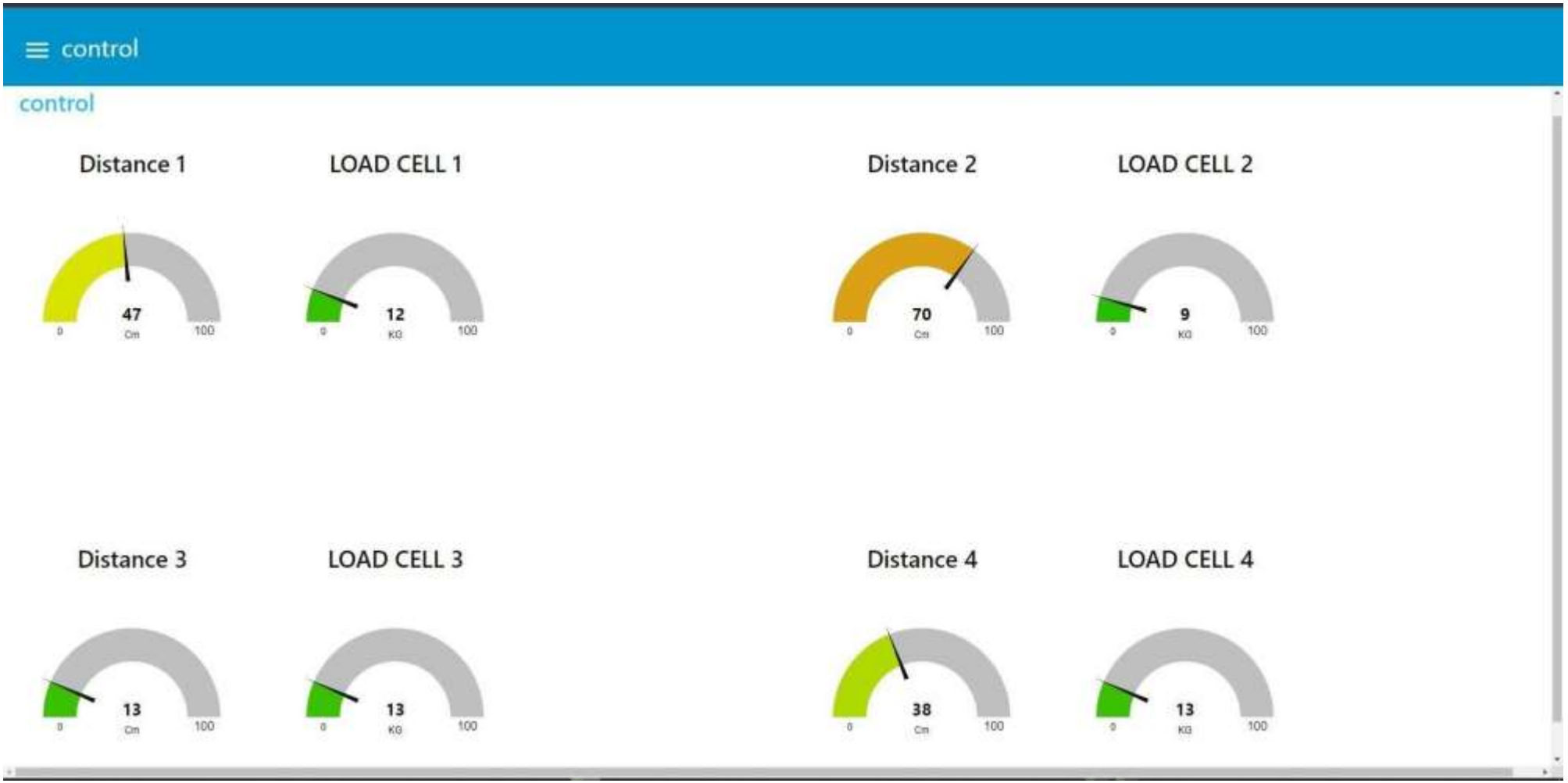
Project Name	Smart waste management system for metropolitan cities

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: NODE – RED FLOW


Node-RED
Distance 1
LOAD cell 1
Distance 1
LOAD CELL 1
[get] /sensor
Function 1
http
Distance 2
LOAD cell 2
Distance 2
LOAD CELL 2
[get] /sensor
Function 2
http
Distance 3
LOAD cell 3
Distance 3
LOAD CELL 3
[get] /sensor
Function 3
http
Distance 4
LOAD cell 4
Distance 4
LOAD CELL 4
[get] /sensor
Function 4
http
debug
24°C Cloudy
ENG
11:26

NODE – RED UI


control
control
Distance 1
47
Cm
0
100
LOAD CELL 1
12
KG
0
100
Distance 2
70
Cm
0
100
LOAD CELL 2
9
KG
0
100
Distance 3
13
Cm
0
100
LOAD CELL 3
13
KG
0
100
Distance 4
38
Cm
0
100
LOAD CELL 4
13
KG
0
100