Use Dashboard Nodes for Creating UI (Web Apps)

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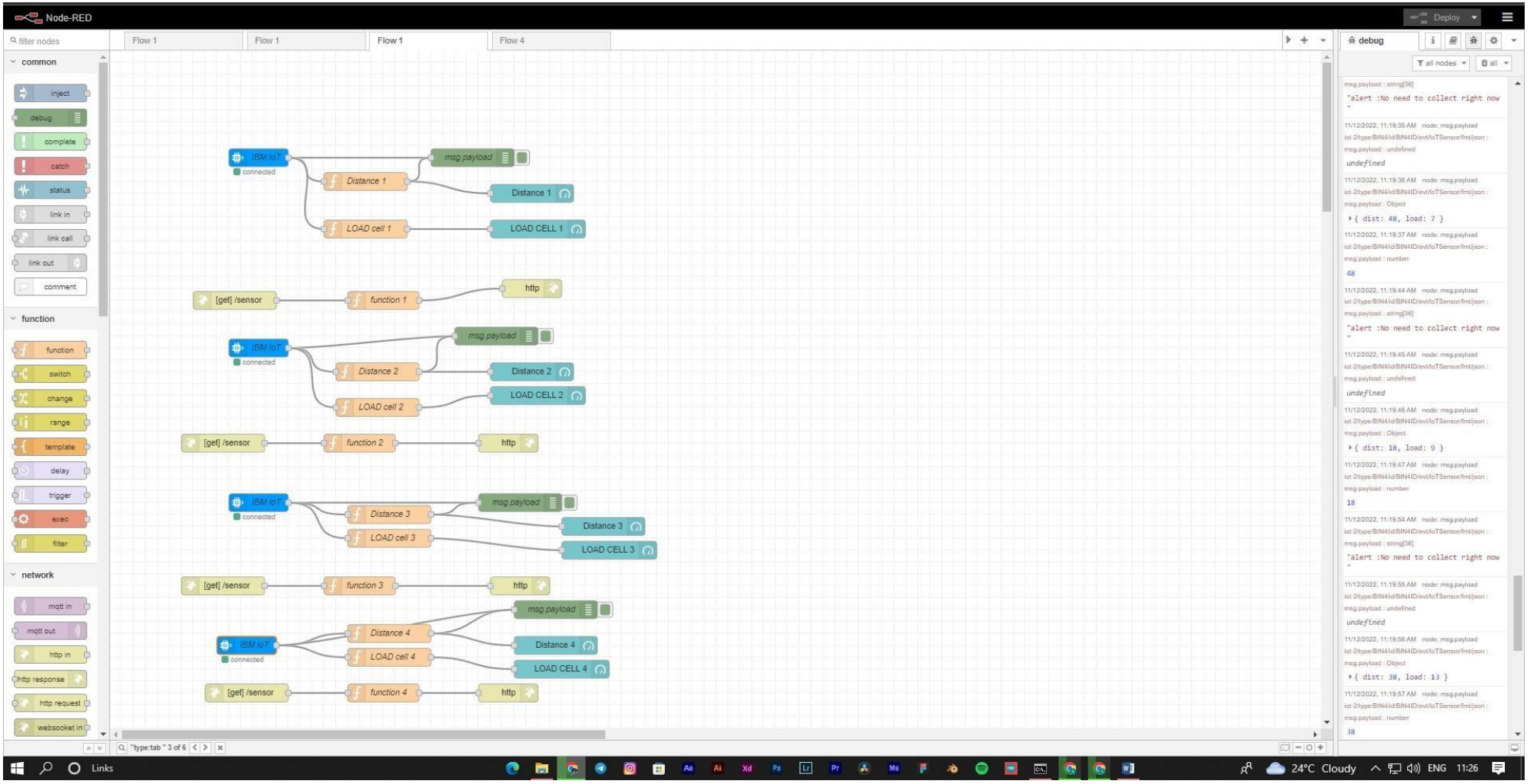
Project Name	Smart waste management system for metropolitan cities

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

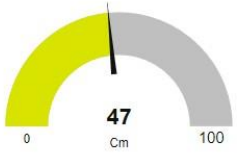

Node-RED
Deploy
Flow 1
Flow 1
Flow 1
Flow 4
debug
common
inject
debug
complete
catch
status
link in
link call
link out
comment
function
function
switch
change
range
template
delay
trigger
exec
filter
network
mqtt in
mqtt out
http in
http response
http request
websocket in
IBM IoT
connected
msg.payload
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
function 2
Distance 3
LOAD cell 3
Distance 3
LOAD CELL 3
function 3
Distance 4
LOAD cell 4
Distance 4
LOAD CELL 4
function 4
"alert :No need to collect right now "
undefined
{ dist: 48, load: 7 }
48
{ dist: 18, load: 9 }
18
{ dist: 38, load: 13 }
38
24°C Cloudy
ENG
11:26

NODE – RED UI

control

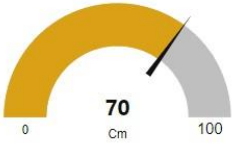
control

Distance 1



LOAD CELL 1

Distance 2



LOAD CELL 2

Distance 3

LOAD CELL 3

Distance 4

LOAD CELL 4