

Use Dashboard Nodes for Creating UI (Web Apps)

Team ID	
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 : node-r

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https://node-red-**knwpm-2022-11-18.eu-gb.mybluemix.net**/red/#flow/76ba4236b7d99002

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Node-RED

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Flow 1

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The diagram shows a Node-RED flow with the following components and connections:

- Inject Node:** A blue square node with a gear icon, connected to three parallel paths.
- Function Nodes:** Three orange square nodes with a blue 'f' icon, each receiving input from the inject node.
- msg payload Node:** A green rounded rectangle node with a list icon, receiving input from the first function node.
- Output Nodes:** Three red square nodes with a white 'x' icon, each receiving input from one of the function nodes.
- Join Node:** A green square node with a plus icon, receiving input from the msg payload node and one of the function nodes.
- Split Node:** A green square node with a minus icon, receiving input from the join node and splitting it into two parallel paths.
- Final Output Node:** A red square node with a white 'x' icon, receiving input from one of the split paths.

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Node-RED Deploy

Flow 1

Flow diagram showing three parallel processing paths:

- Top path: Green inject node → Yellow function node → Green output node.
- Middle path: Blue inject node → Two parallel Yellow function nodes → Green output node.
- Bottom path: Green inject node → Yellow function node → Green output node.

Windows taskbar: Search, File Explorer, Microsoft Edge, Spotify, Word, PDF Reader, System tray (ENG IN, 19:07, 18-11-2022).