

## DEVELOP THE WEB APPLICATION USING NODE RED

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Project Name	Project – Gas Leakage Monitoring and Alerting System
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The screenshot displays the Node-RED web interface in a browser. The top navigation bar includes tabs for 'Application Details - IBM Cloud', 'Node-RED : node-red-ipscl-2022', 'Node-RED Dashboard', and '(2) WhatsApp'. The address bar shows the URL: `node-red-ipscl-2022-11-17.eu-gb.mybluemix.net/red/#flow/67037d34d71087ec`. The main workspace, titled 'Flow 1', contains a flow diagram with the following components and connections:

- An **IBM IoT** node (blue) with a 'connected' status indicator.
- A **function** node (orange) connected to the IBM IoT node.
- A **Gas meter** node (teal) connected to the function node.
- A **msg.payload** node (green) connected to the function node.
- A **hi** node (blue) connected to the function node.
- A **Ring Central Send SMS** node (yellow) connected to the function node.
- A **msg.payload** node (green) connected to the Ring Central Send SMS node.

The left sidebar shows a 'filter nodes' search bar and two categories of nodes: 'common' (including inject, debug, complete, catch, status, link in, link call, link out, and comment) and 'function' (including a generic function node). The right sidebar features a 'dashboard' tab with 'Layout', 'Site', and 'Theme' settings, and a 'Tabs & Links' section with a 'Home' tab containing a 'Gas Value' link. The bottom status bar shows the Windows taskbar with a search bar, system icons, and the date/time: 7:40 PM on 11/17/2022.