

Develop The Web Application Using Node-RED

Date	06 November 2022
Team ID	PNT2022TMID25689
Project Name	Project-Smart Farmer-IoT Enabled Smart Farming Application

The screenshot displays the Node-RED web interface in a browser. The address bar shows the URL: <https://node-red.milku-2022-11-04.eu-gb.mybluemix.net/red/#flow/8c49b93d9a2db2a3>. The interface includes a left sidebar with a 'filter nodes' search bar and a list of available nodes such as numeric, slider, text input, date picker, switch, colour picker, text, gauge, form, audio out, notification, ui control, chart, and template. The main workspace, titled 'Flow 1', contains a flow starting with an 'IBM IoT' node (labeled 'connected'). This node branches into two parallel paths. The top path consists of a 'Humidity' function node followed by a 'humidity' output node. The bottom path consists of a 'temperature' function node followed by a 'temperature' output node. Both function nodes are connected to a central 'msg.payload' node, which then feeds into the respective output nodes. A right sidebar shows a 'debug' console with a list of nodes and a log of messages, including timestamps and payloads. The bottom of the image shows a Windows taskbar with various application icons and system status information (29°C, Cloudy, 10:49, 04-11-2022).