BUILD A WEB APPLICATION USING NODE RED

Team Id	PNT2022TMID53951
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Topic	Building web application using Node red

Goal:

To build a web application using node red.

Steps:

- Open the Node-Red website which you have created in the previous step. Insert the corresponding IBM IoT nodes and other kind of sensors and motor switches.
- Finally, click on the deploy option in the right-side panel.
- Visualize the results in the Node- Red where the URL is followed by /data.
- Visualize the comments in Node- Red review URL followed by /comment.
- On clicking on the IBM IoT, note you have to enter the device credentials of the device you have created in the Watson IBM platform.
- On taking the functions of soil moisture humidity and temperature enter the functionality they
 must perform in the property setup formatting ah one center the function is soil moisture value
 less than 20 then generate a message and then in the corresponding HTTP request enter the
 URL of bulk SMS to send the message to the given contact number.
- On clicking on the motor on function, give the payload value as json command.
- Repeat the same for the motor off.

Output:

IBM IOT INPUT NODE:



SOIL MOISTURE FUNCTION:



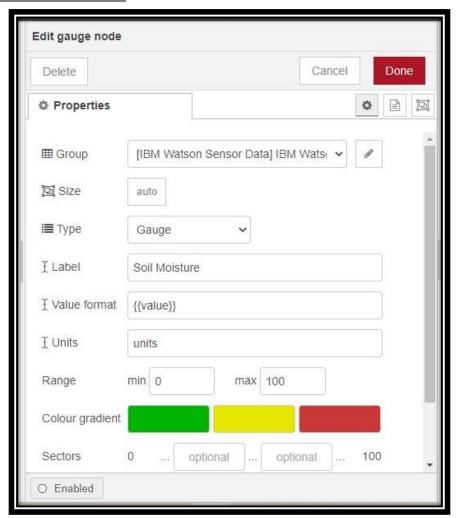
HUMIDITY FUNCTION:



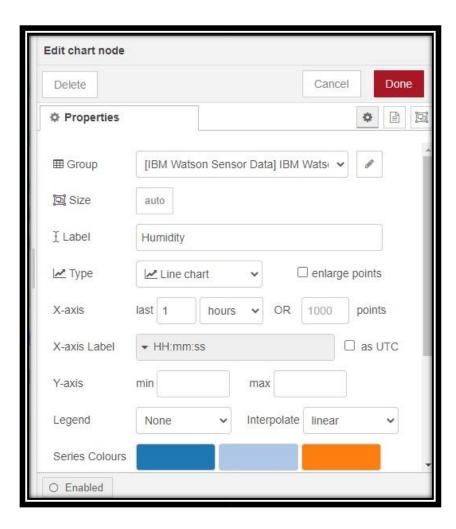
TEMPERATURE FUNCTION:



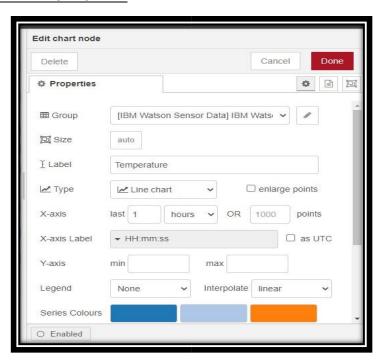
SOIL MOISTURE GAUGE:



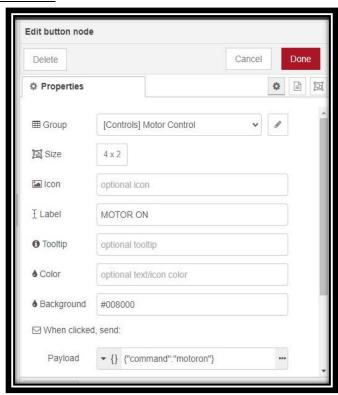
HUMIDITY CHART:



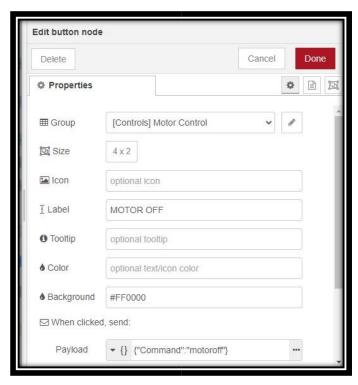
TEMPERATURE CHART:

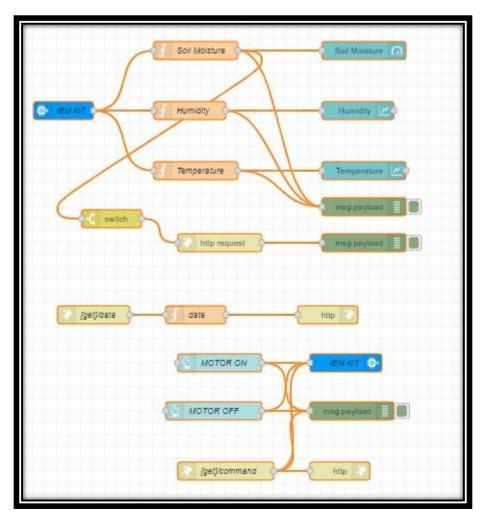


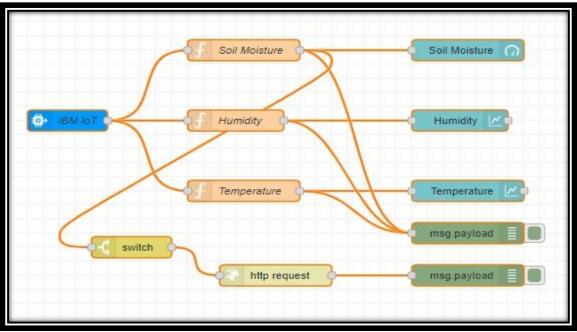
MOTOR ON:

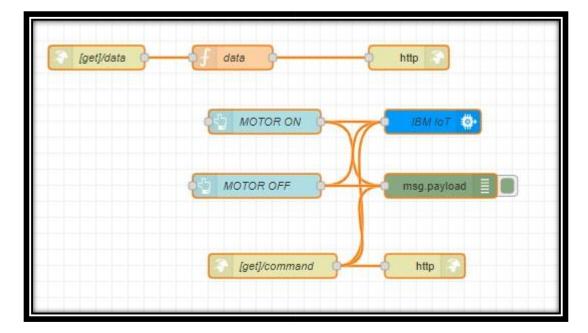


MOTOR OFF:









OUTPUT:





