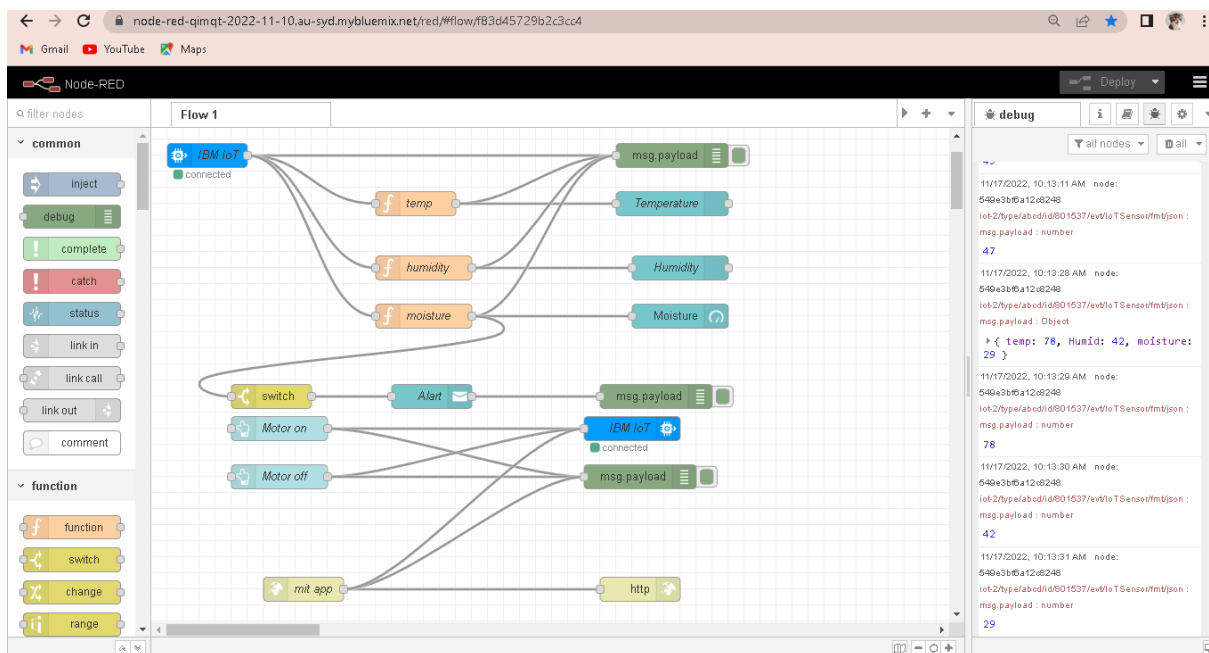


Team ID	PNT2022TMID30918
Project Name	Smart farmer - lot Enabled Smart Farming Application.
Team leader	Sapna Priya J
Team members	Sneha S , Pavithra P, Soundammal G

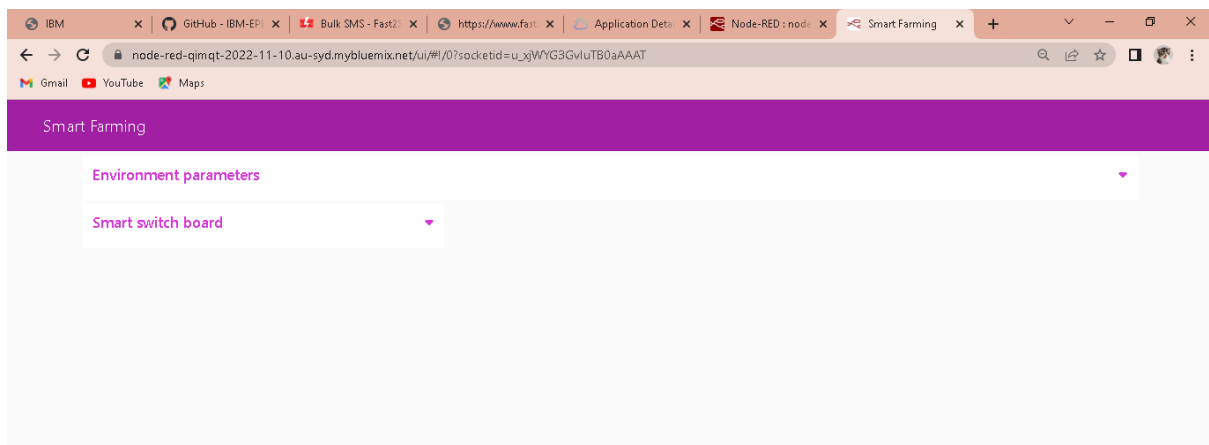
Build A Web Application Using Node-RED Service

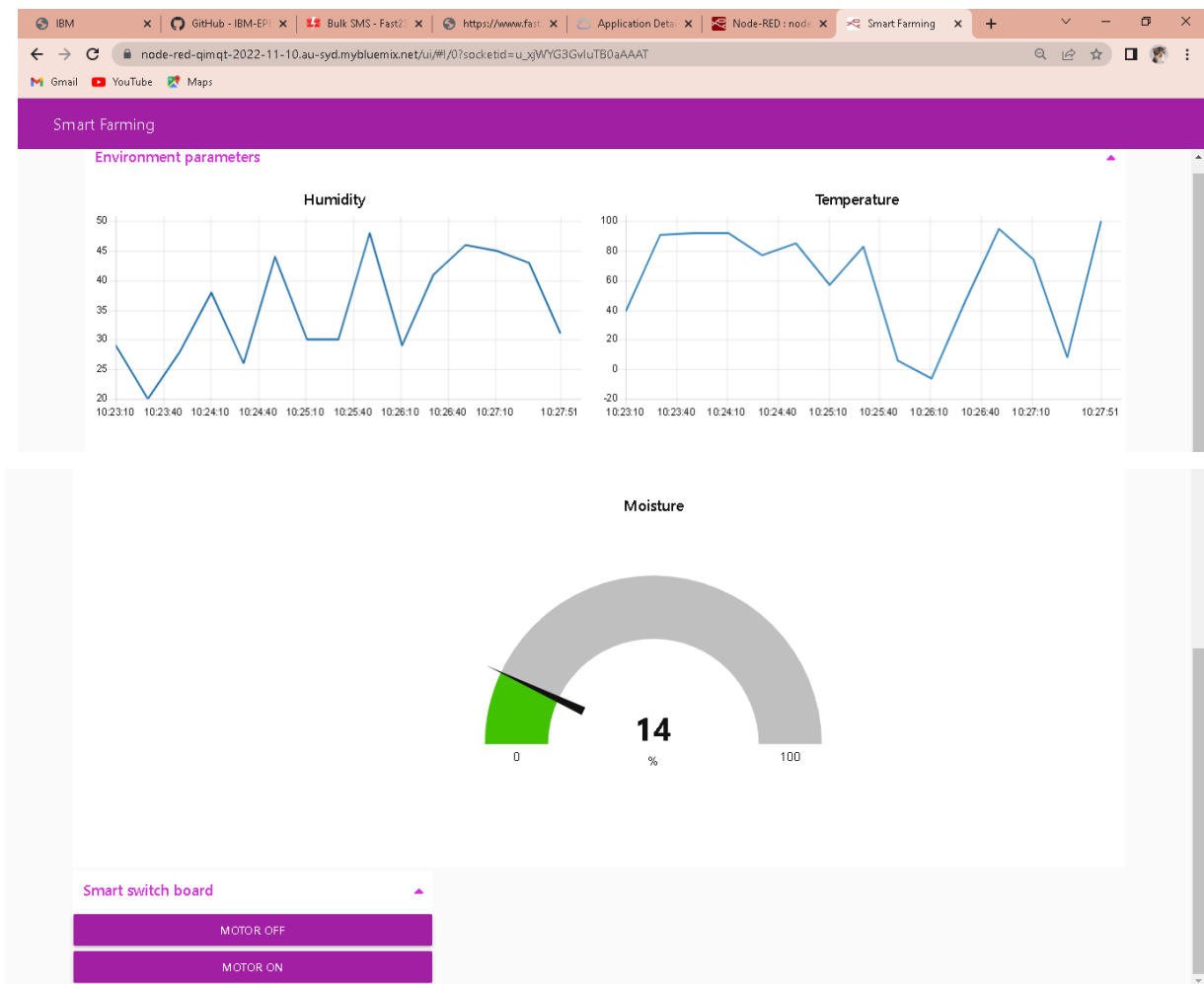
Node red service



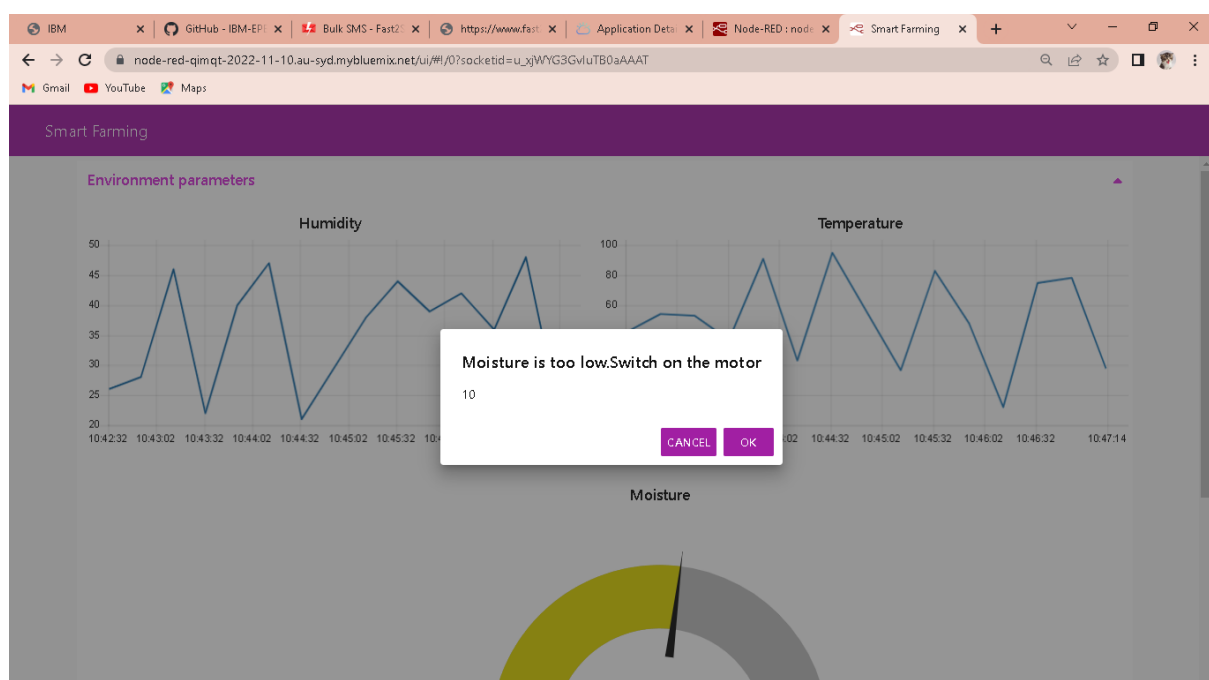
Web application:

DASHBOARD





When the moisture value is going to less then 50% ,it shows the alert to the user.



When the user clicks OK, it sends OK to the node red and Python code.

The screenshot shows the Node-RED web interface in a browser. The top bar includes a 'Deploy' button and a menu icon. The left sidebar contains a 'filter nodes' search bar and two categories of nodes: 'common' and 'function'. The 'common' category includes nodes like inject, debug, complete, catch, status, link in, link call, link out, and comment. The 'function' category includes function, switch, change, and range. The main workspace shows a flow named 'Flow 1' with the following nodes: an 'IBM IoT' node (blue) with a 'connected' status, a 'switch' node (yellow), and two 'Motor' nodes (green). The 'switch' node is connected to the 'Motor' nodes. The right sidebar shows the 'debug' console with a list of messages. The messages are as follows:

Time	Node ID	Message
11/17/2022, 10:53:33 AM	node: 549e3b9a12d8248	iot2/type/abcd/d801537/evd/TSensor/mfjson : msg.payload : number
25		
11/17/2022, 10:53:33 AM	node: 549e3b9a12d8248	iot2/type/abcd/d801537/evd/TSensor/mfjson : msg.payload : number
15		
11/17/2022, 10:53:44 AM	node: 8ce8b4cb8c2b1f00	Moisture is too low Switch on the motor : msg.payload : string[0]
"Cancel"		
11/17/2022, 10:53:47 AM	node: 8ce8b4cb8c2b1f00	Moisture is too low Switch on the motor : msg.payload : string[2]
"Ok"		
11/17/2022, 10:53:53 AM	node: 549e3b9a12d8248	iot2/type/abcd/d801537/evd/TSensor/mfjson : msg.payload : Object
> { temp: 84, Humid: 44, moisture: 33 }		
11/17/2022, 10:53:53 AM	node: 549e3b9a12d8248	iot2/type/abcd/d801537/evd/TSensor/mfjson : msg.payload : number
84		
11/17/2022, 10:53:53 AM	node: 549e3b9a12d8248	iot2/type/abcd/d801537/evd/TSensor/mfjson : msg.payload : number
44		
11/17/2022, 10:53:53 AM	node: 549e3b9a12d8248	iot2/type/abcd/d801537/evd/TSensor/mfjson : msg.payload : number
33		