

# **LAPORAN PRAKTIKUM MINGGU KE-12**

## **IoT Dashboard System Management**

### **INTERNET OF THINGS**



Disusun oleh:

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# LAPORAN

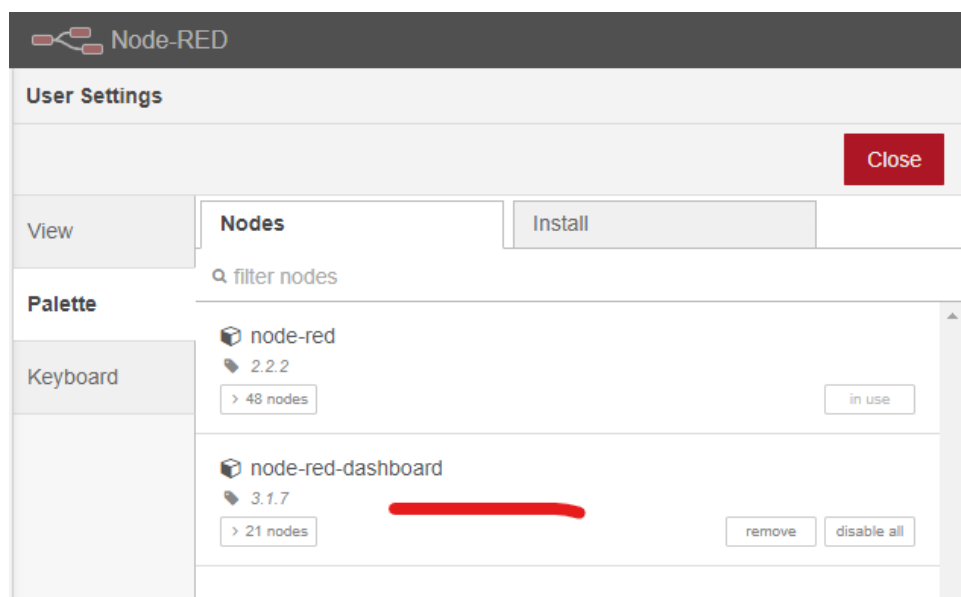
## A. PRAKTIKUM

- 1- Install Dashboard Node-RED:

Using NPM we get to install Node-RED Dashboard like the following:

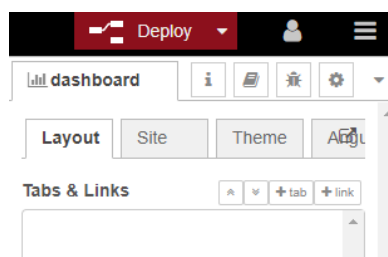
```
ubuntu@iot-instance:~$ cd /home/ubuntu/.node-red/  
ubuntu@iot-instance:~/node-red$ npm i node-red-dashboard  
  
added 55 packages, and audited 56 packages in 9s  
  
found 0 vulnerabilities
```

- 2- Checking for the new installation in the web browser:

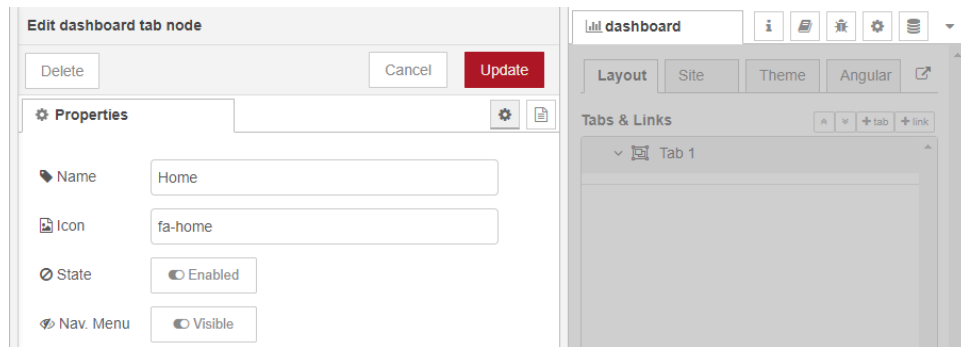


- 3- Make a dashboard in Node-RED:

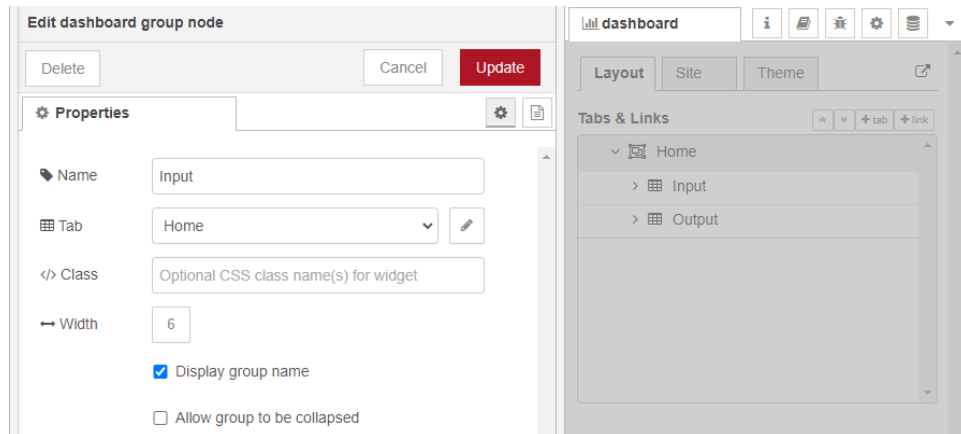
Enter the dashboard menu:



Make a new tab and configure its options:

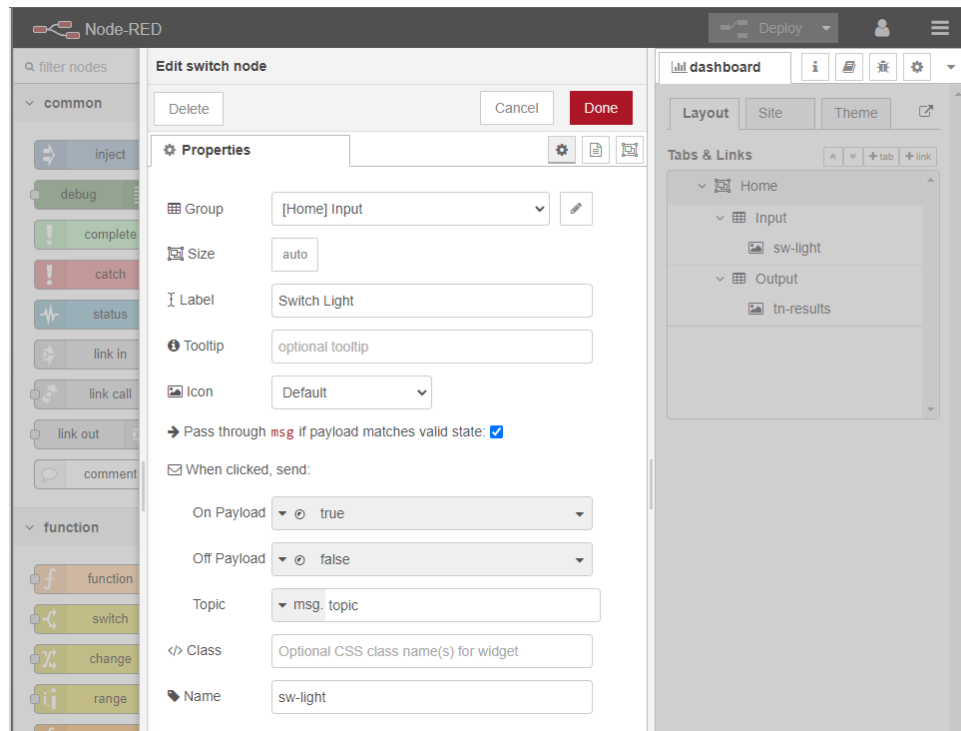


Make two groups in the home tab namely Input & output:

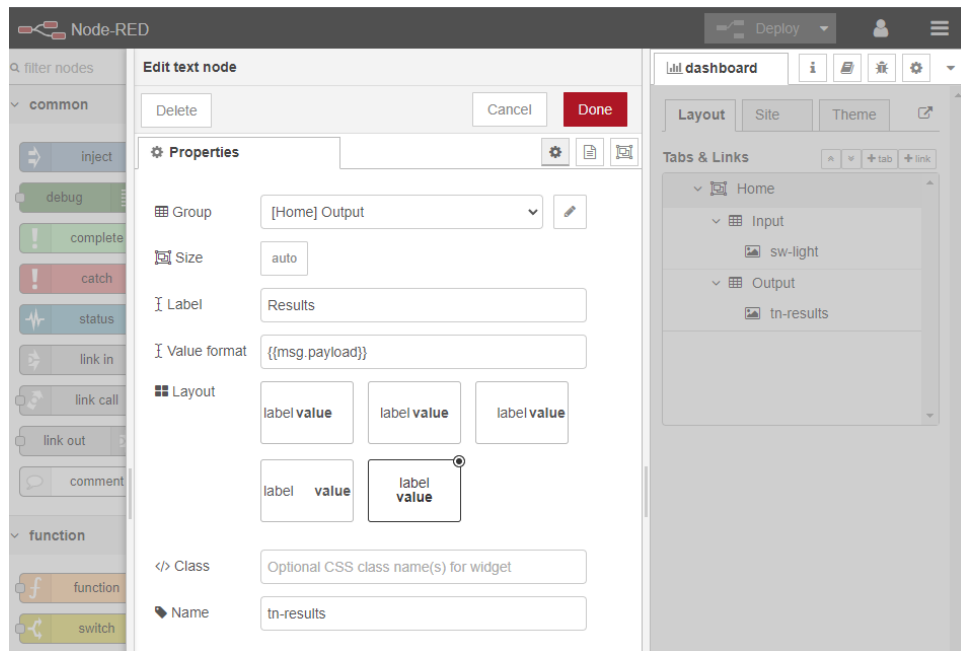


Edit the group switch:

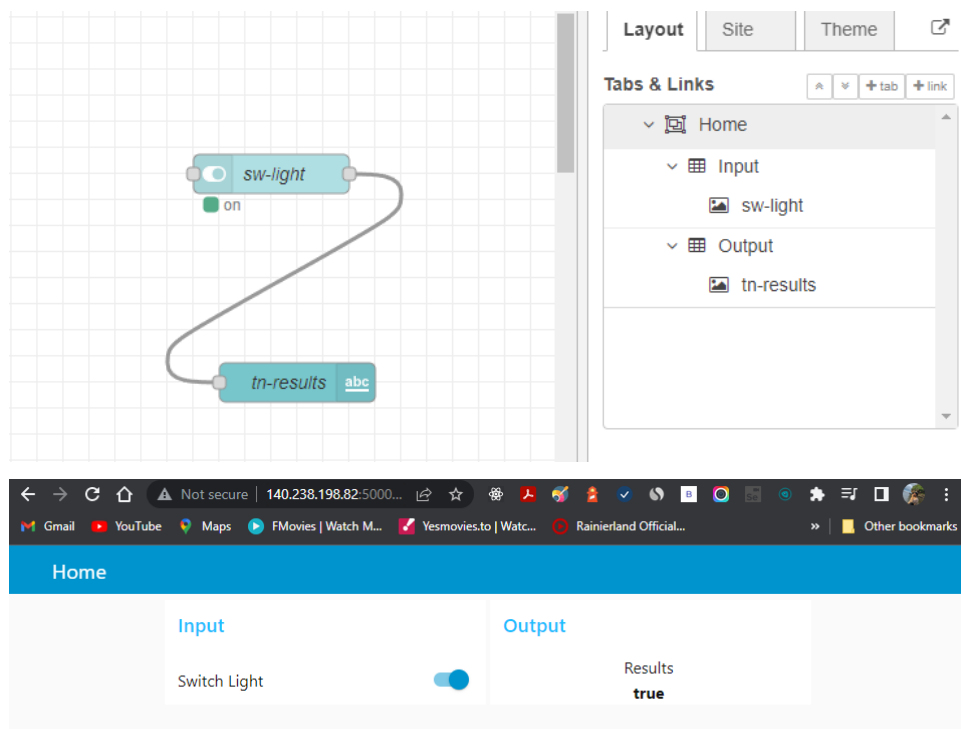
Configure input group switch:



Configure output group text node:



4- Connect switch with text node:



Question

Please modify the flow above so that when the switch node is shifted it does not produce a true or false value, but when it is shifted the value is on or off.

Answer:

Add a new function to change results:

