

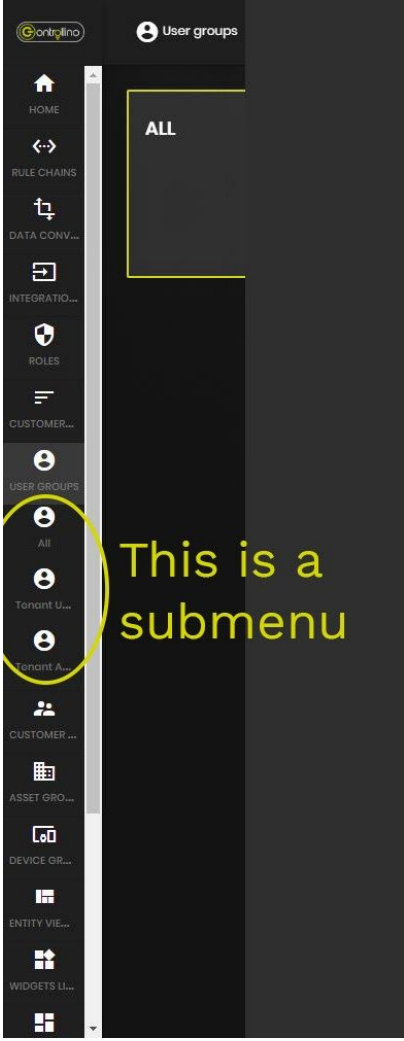
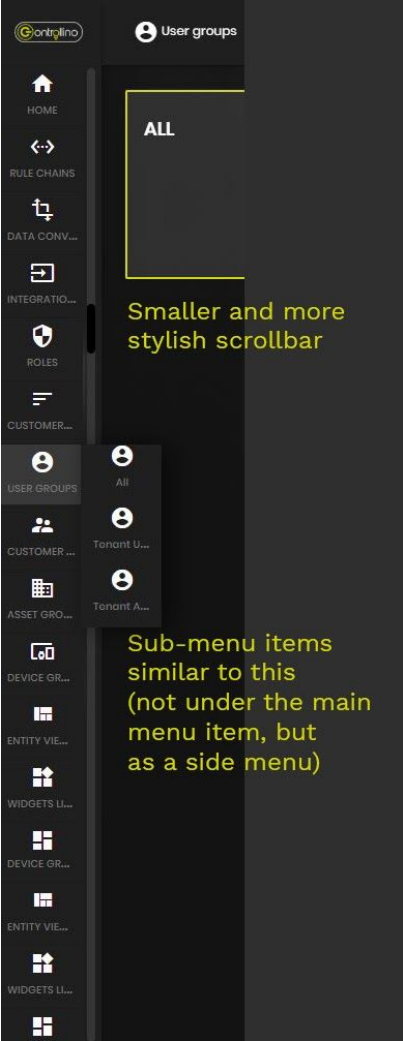
General information

Our platform is called Thingsboard and is available as community edition (free and open source), as well as paid edition with some extra features. The UI code is almost the same in both versions. Here's the UI code: <https://github.com/thingsboard/thingsboard/> (folder /ui/src)

We have a private repo of the professional edition too, where we will give you access after the job starts. For now, please check out the official Thingsboard repo to see the code. Also, we'll give you access to the platform to check everything out when you want to check it. Here's the tasks:

1. Side Navigation

Style Changes

This is how the sub nav looks now.	This is how it should look like.
 <p>This is a submenu</p>	 <p>Smaller and more stylish scrollbar</p> <p>Sub-menu items similar to this (not under the main menu item, but as a side menu)</p>

Menu Structure

The side nav is shown differently to different user types (there are 3 types of user groups). Currently, it is structured as follows (for your info: some menus have sub menus too, for example “Dashboard Groups” shows all the different Dashboards the user has created as sub menu).

Admin User	Tenant User	Customer User
Home	Home	Home
Tenants	Rule Chains	Roles
Widgets Library	Data Converter	Customers Hierarchy
System Settings	Integration	User Groups
	Roles	Customer Groups
	Customer Hierarchy	Asset Groups
	User Groups	Device Groups
	Customer Groups	Entity View Groups
	Asset Groups	Dashboard Groups
	Device Groups	Scheduler
	Entity view Groups	White Labelling
	Widgets Library	Audit Logs
	Dashboard Groups	
	Scheduler	
	White Labelling	
	Audit Logs	

For the types “Tenant user” and “Customer User”, we need a different menu structure.
The new menu Structure should be like this (sub menu items marked with “>”):

Admin User	Tenant User	Customer User
Home	Home	Home
Tenants	Dashboard Groups	Dashboard Groups
Widgets Library	Device Groups	Device Groups
System Settings	Asset Groups	Asset Groups
	Entity View Groups	Entity View Groups
	Rule Chains > Rule Chains > Scheduler	Rule Chains > Rule Chains > Scheduler
	Administration > User Groups > Customer Groups > Customer Hierarchy > Roles > Integrations > Data Converters > Widgets Library > White Labelling > Audit Logs	Administration > User Groups > Customer Groups > Customer Hierarchy > Roles > White Labelling > Audit Logs

Also, the menu items “Dashboard Groups”, “Device Groups”, “Asset Groups” and “Entity View Groups” need to be **renamed** to: “Dashboards”, “Devices”, “Assets”, “Entity Views”.
“Rule Chains” needs to be renamed to “Rule Engine”.

Menu Icons

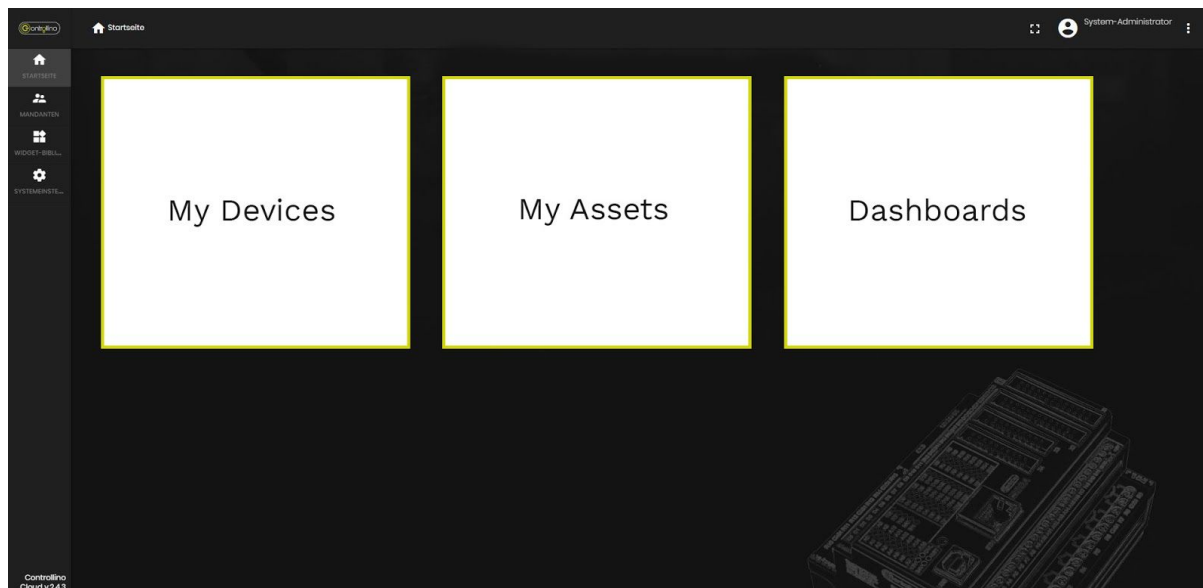
Currently, the menu icons are shown by a font (I think it's "Material Icons"). Here, we would like to place our own SVG / PNG icons. Please change the menu code so that we are able to replace the icons with our own SVG / PNG icons.

If this is hard to do, we can also do an alternative: is it possible to just create a new font with our own icons, but we call it "Material Icons" too and just replace the font itself? Maybe this is also a way to go... I'm not sure.

2. Home page

As you see, each user group has a different menu that is shown in the software. The previous version of the software has shown the menu elements from the side navigation bar also in the main working area of the software. But we already removed that. Now, it's just showing a sample text.

The task is to create 3 box images like shown in this mockup:



The white boxes should be images (use example JPG images for now, I will change them later). Also, as you see, there will be a text in the center of the box.

The links of the image boxes will point to the same links where the menu items point. So "Dashboard Groups", "Device Groups" and "Asset Groups".

The boxes should be responsive: For Desktop screens, we want to have a 3 column layout, for tablet and mobile we want to have a 1 column layout.