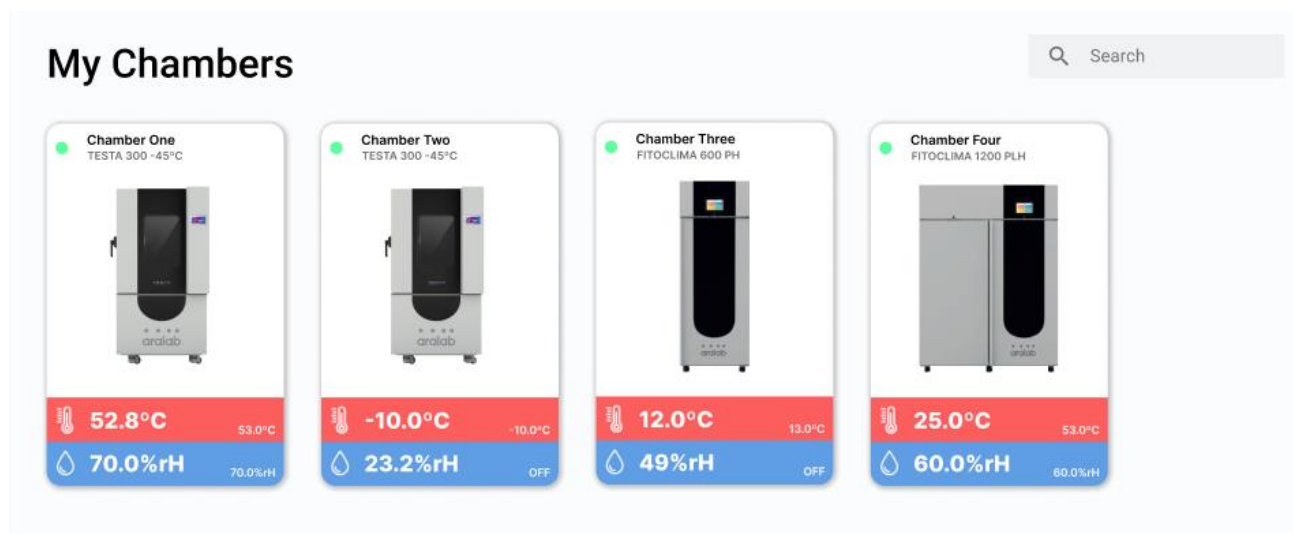YOUR OWN CLIMATE

UI Challenge

The new Aralab App allows to control and manage Climatic Chambers in a web page.

In this challenge, we look forward to testing your skills in developing a simple **Chamber List** similar to the one below. The solution developed should use React JS.

Each Chamber is composed by:

1. **ID** (0, 1, 2, …)

2. **Name** (ex. Chamber Two)

3. **Type** (ex. TESTA 300 -45ºC)

4. **Status** (Online, Offline)

5. **Image**

6. **Current temperature and set temperature** (ex. -10ºC and -10ºC)

7. **Current humidity and set humidity** (ex. 23.2%rH and OFF)
   (when no humidity is set, "OFF" is displayed)

Your work is split in **two main goals**:

1. Get and display the Chamber List

Fetch the chamber data from the **chambers.json** file provided in the resources folder and render the chamber list shown in the first image. Please note that the chamber data should be read in runtime from the json file and not hardcoded in your script.

2. Search the Chamber List

Once the list is rendered, the user should be able to **Search** the list by chamber name. The list will be filtered by chambers with name containing the search term provided.
E.g.:
- Search for "Chamber" shows all chambers.
- Search for "Chamber Two" only shows Chamber Two.

A few bonus things that you may consider:

- The page should be **responsive** – the list may be displayed in on all screen sizes
- You should provide all the instructions required to run your project on our side

Good luck!
If you have any questions please do contact us.

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