

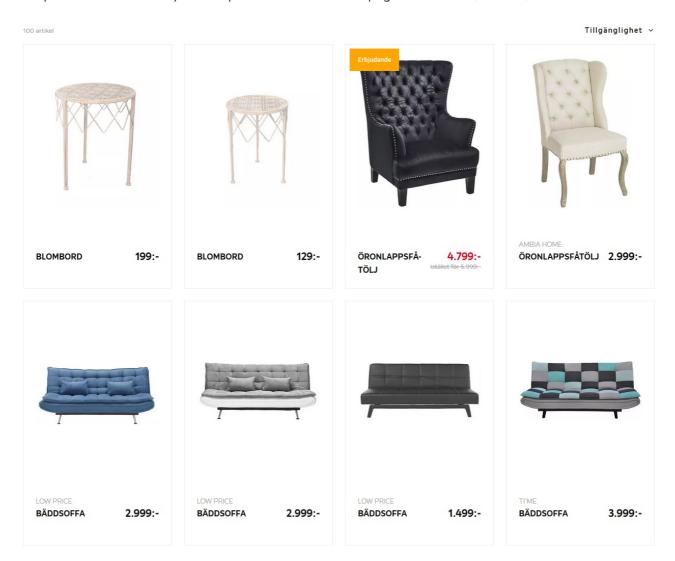
Thank you very much for your interest and willingness to participate in our recruitment process. As you already know the next step is the development of a technical challenge.

Before you start with it, we would like to share some points you should keep in mind.

- 1. You might not find clear instructions for every detail, so please provide information on your solution process and how you tackled the challenge.
- 2. We care about best practices. Please have them in mind on the presentation of your solution.
- 3. For any text content (comments, dissertation, documentation, etc.) please add a README.md file. We expect from you instructions we may need to get your application working.
- 4. We try to evaluate our candidates objectively, so please remove personal information (full name, usernames) from your solution so that we can review it anonymously.
- 5. To share your solution with us, please transfer your files in a ZIP archive using a file sharing service (Firefox Send, WeTransfer or others).

## **Product list**

The product owner wants you to implement a search result page for XXXLutz (Sweden):



The initial data is organised as a JSON object and can be fetched from https://api.myjson.com/bins/en2ik (the API is CORS enabled).

It contains 100 products and all required information you will need.

Implement the product list in React considering the following requirements:

- Write pure/stateless components wherever possible
- the layout should be fully responsive, please find a suitable way to arrange the information accordingly
- size of the page and required resources are important, be cautious with the resulting bundle size
- implement lazy loading of images

## Optional:

- implement a searchbar that dynamically filters the list of results
- add sorting functionality for price, name and eyecatcher
- add tests for the code

## Hints:

- the above screenshot is a reference, the provided data differs
- feel free to use a any boilerplate such as create-react-app
- use (S)CSS, CSS-in-JS or whatever you prefer