



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):

100 artikel

Tillgänglighet ▾

 BLOMBORD 199:-	 BLOMBORD 129:-	 ÖRONLAPPSFÅTÖLJ 4.799:- <small>erbjudande</small> <small>istället för 5.999:-</small>	 ÖRONLAPPSFÅTÖLJ 2.999:- <small>AMBIA HOME</small>
 BÄDDSOFFA 2.999:- <small>LOW PRICE</small>	 BÄDDSOFFA 2.999:- <small>LOW PRICE</small>	 BÄDDSOFFA 1.499:- <small>LOW PRICE</small>	 BÄDDSOFFA 3.999:- <small>TIME</small>

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 any boilerplate such as `create-react-app`
- use (S)CSS, CSS-in-JS or whatever you prefer