

Welcome to Koerber Pharma Frontend Challenge

Consider this open API: <https://dummyjson.com/>

This challenge is about showing us that you are a fast learner who is able to dive into and leverage modern web technologies to create an awesome user experience.

Challenge

- Create a SPA that does the following:
 1. *display a list of products with pagination (limits to change number of visible products)*
 2. *display a product details page (with product image gallery and product details information)*
 3. Show a filter to order products list (price || discount || availability - default)
 4. Show an indication about stock availability (default green, below 90 - orange, below 50 - red)
 5. Show a search field that will filter products list
 6. In mobile devices the products list should be with lazy loading endless scroll (**bonus points**)

The goal of this challenge is to build a **responsive** web application that uses this fake API to list, order and filter products.

• Technical requirements

- TypeScript 4.3+ (**optional, bonus points**)
- lint/eslint well configured
- One e2e Test (**optional, bonus points**)
- Unit tests
- Use your favorite framework (Vue.js, React.js, Angular)
 - Vue 3 (**bonus points**)
- Use the UI library you want (bootstrap/material/your owned/ etc)

Notes:

- Free choice of guidelines/frameworks/libraries to use: this choice should reflect what you consider to be the best practice
- Watch your time and try to get as far as possible in about 2/3 hours of hacking.

What we're looking for:

- Nice user experience
 - **polish and an eye for design:** focus on making it look good.

- clean project setup and well documented
- ability to dive into a new topic, extract the important points and then code it up.
- make it snappy
- strip away features, based on priorities, if you can't deliver... time is scarce!
- document your approach, your decisions and your general notes
- Proper use of language and framework idioms
- Usage of external libraries that should simplify the task
- **We expect a README file in the repository.** This README must explain very clearly the instructions for us to start the application without any type of debugging or complication. The instructions must work out of the box. **This is one of the most important part of the problem.** You need to think always about who is going to use it and try to reduce frustration.
- **Share the repo** (Github/Gitlab/Bitbucket)
 - Any code you write must be committed to a Git repository. Please, start committing since the beginning. Don't wait to have the entire exercise and just send one commit with all the code. We would like to see your progress.

Have fun!