

# CODE CHALLENGE



**print**  
.com

## INTRO

At Print.com one of our most complicated and most used feature is the product selector. With our product selector, customers are able to configure their (printed) products in thousands of ways to get it to their liking. For example, they can choose sizes, materials, printing methods, amount of designs, finishes, and so on!

## THE ASSIGNMENT

Your task is simple, yet extensive: use Vue to create the most awesome selector ever. Make it pretty or functionally cool. Think about routing, state management, but most of all: WOW us!

Create a product selector that works for three different products from our catalogue (check out the .json files). If you feel that something is missing, then feel free to surprise us! 😊

1. Navigate via a menu to a product:
  - a. /posters, /flyers, /businesscards,
  - b. be able to view the product selector with the available options for that product
2. Be able to select different options within the product selector.
3. Add the configured product to the cart.
4. View the products in the cart.
5. Validate if the chosen options are possible with each other by using the property **excludes** property (*properties within a exclude with certain options are not compatible with each other*).

## TESTING & QUALITY

When you're working in our company, you'll be working in a team and they have to be able to test and read your code. Keep best practices in mind and make sure your code is easy to read. Bonus points if you have added (unit) tests!

## RULES

- Make the assignment with Vue3, Vite and TypeScript.
- Do not spend too much time on the assignment, +/- 5 hours should be enough.
- Do not worry too much if you cannot finish everything, quality > quantity.
- Share your code at least 24 hours prior to our meeting.
- During the meeting you'll be asked to show your application and your code. We are curious about any "shortcuts" you had to take and the choices you made.
- Do not hesitate to ask questions.

Good luck!

