

Frontend Assessment

OBJECTIVE

- Evaluate skills set
- Assess on the ability to provide competent ideas in a relative short time.

If you feel anything in the exercise does not fit your skill set, try your best and make a note. Don't worry, we understand frontend development is a broad discipline and we believe there is no absolute truth about how to handle a development. It's important for us to see how you behave in front of difficulties you might find.

DISCIPLINES

- HTML
- CSS
- Advanced development techniques
- Interaction Design/Development

INSTRUCTIONS

The exercises should take you around 8 hours to complete and you have 5 days of time to return it.

We are not expecting you to deliver the most ideal code, but you should be able to deliver a suitable initial concept which should be the first iteration on the development process.

As a KPI focused company, we need to be able to react fast and provide practical ideas to solve business problems.

Deliver your work in a preview url and deliver your source code via Github or in a folder named "**Rakuten ESD – {YourName} Frontend Assessment**"

Please, be specific in the README file about how to use your project.

EXERCISE

At Rakuten we are developing a new fast checkout process aiming to provide a smooth purchase funnel for a **single product transaction**. Average items in the cart is 1.2 so we want to provide agility to the buying process. For that purpose, we are willing to A/B test the normal purchase funnel with this new agile purchase funnel created.

The scope is to implement into any frontend technology at your choice the mockups attached in the last page of this document and build the user interaction/flow,

What we are expecting:

- Focus on the functionality keeping an eye to the wireframe and trying to keep things in place
- We provide you 2 slides. We know this is not how things should be but we want to see how you deal with it
- Ideally React-based project but you can use others modern-javascript framework
- Ideally SPA
- We are a technology company, we like to see fancy stuff ;)

Don't overcomplicate the test. We want to see the minimum needed, we don't want to maintain when code is not needed. Also, feel free to be proactive and try to improve anything in the provided design based on your expertise.

FUNCTIONALITY

Product page

- Variants need to be selected to be able to add a product to the cart.
- When adding a product to the cart a slide-in layer appears from the right side of the screen.
- The add to cart button adds the product to the usual cart. We need to increase/decrease items bubble on top of cart icon when needed.
- The **buy now** button needs to start the interaction with Slide-In layer.

Slide-In / Step 1 (Summary)

- The layer needs to show summary of the product just clicked on.

Slide-In / Step 2 (Persona & Shipping info)

- Personal data need to be kept.
- Shipping costs:
 - Spain → 2,5€
 - Japan → 7,5€
 - USA → 7€
 - France → 3€
 - UK → 3GBP
- User selects the country (use the <http://gd.geobytes.com> public API to fill country list).
- We update shipping price dep
- User types city (we provide an autosuggest after 3rd character based on the API above).

Slide-In / Step 3 (Payment info)

- Nothing special on that step.

Slide-In / Step 4 (Thank You)

- Fake POST data with a data structure at your choice.
- We show a thank you message for your purchase.
- After 5 seconds the Slide-In layer is closed.