

# Practical test, Frontend

As part of the selection process, we ask each candidate to complete a technical task to gauge whether they possess the skills necessary for the position.

The test is time limited and you'll have **5 days** to complete it.

## Disclaimer

The only purpose of this task is to assess a candidate's skills. Everything sent as a result of the task will not be used for commercial purposes.

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## General notes

Develop your solution as if you are working on an Enterprise project for which you don't know how it will be upgraded later on. By doing so, we will be able to get a more thorough understanding of your skills and way of thinking.

## Task Summary

Implement the front-end part of a simple web application that administers Currencies. Application should allow you to view the Currency list and perform basic CRUD operations, whereby Currency model consists of the following attributes:

- ID (mandatory attribute);
- ISO mark (mandatory attribute, exactly three characters of length, unique for the list);
- Symbol (mandatory attribute);

**Design can be found [HERE](#).**

Please implement the application as a Single Page based on:

**Required:** Vue, Vuex, Vue Router, Typescript, HTML, SASS

**Bonus:** Vuetify, Validation, Unit Tests with Jest & Vue Test Utils, Nuxt, ITCSS/BEM

## 1. Login

Create the Login page to work only on the frontend for demonstration purposes, registration, or backend logic is not required.

## 2a. Currency Index

- The list of currencies is displayed in the sidebar (shot01);
- The initial currency list is an empty string;

## 2b. Add Currency

- Clicking on 'Add Currency' opens a form with the appropriate fields (shot02);
- Clicking on Save adds a new currency to the existing list;
- Ensure form validation and mark fields that are not valid (shot03);
- ID is automatically assigned (eg random int or largest existing ID + 1);

## 2c. Edit Currency

- By clicking on one of the currencies in the list, a form filled with data of the selected currency should be opened(shot04);
- Currency data can be changed and then saved by clicking on Save;
- Apply identical validation rules as when adding a new currency;
- The currency to be edited must be marked in the sidebar list (shot04);

## 2d. Delete Currency

- Add an option to delete next to each Currency (shot05);
- By clicking on the option, the Currency is deleted from the list;

### 3. Search

- Although not shown in the pictures, add a search field to the top of the "sidebar" to search (filter) currency list based on all three attributes;

### Additional Notes

- Define routes for each of the above pages (index / add / edit);
- Use Open Sans font (Google Fonts);
- It is desirable that the list of currencies be preserved between successive refreshes of the page in browser;