Novare
POTENTIAL

Coding test
WeTube Site

You are now on your way to becoming a student at the Frontend boot camp of Novare Potential. There's a great mutual fit. As the next step for the technical evaluation stage, we ask that you complete the following code exercise, allowing us to know you better.
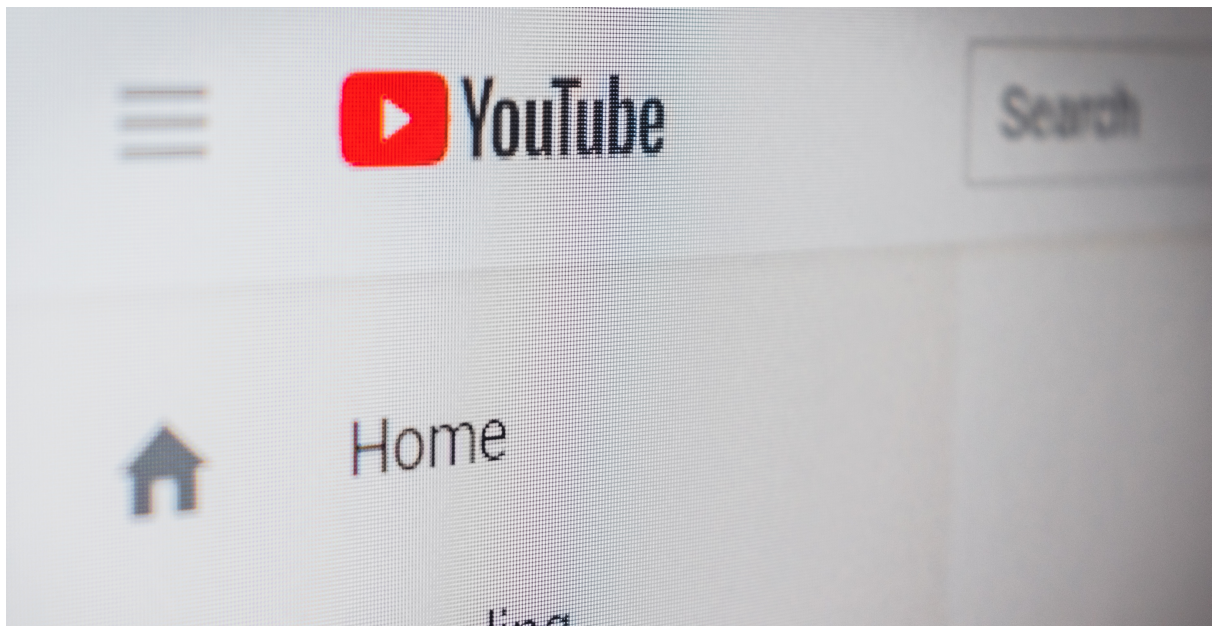

Photo by Christian Wiediger on Unsplash

The project is to create a small website similar to YouTube using React.js. The website reads the data from a JSON file to avoid the need to create a database. We called it WeTube to be more inclusive but, most importantly, to avoid copyright issues!

The duration of this test is 2-3 days as agreed with HR.

What we provide

We provide the following files:

- **data.json** This file has all the information to create the video thumbnails with the relevant data.

- **logotype.svg** This file is the one to utilize instead of the official YouTube logo to avoid copyright issues.

- **thumbnails/** This folder has images for videos.

📝 Note: The link for the asset folder is at the bottom of the document to keep everything in one place.

Mandatory tasks

HOME PAGE

The home page has a menu bar at the top with a search bar (explained below), a sidebar with links, and all the videos available in the center.

When you click on a video, it takes you to the playback page to watch it.

📝 Note: The links on the left side are placeholders, meaning they do not need to do anything.

PLAYBACK PAGE

This page allows playing a video selected from either the home page or the search results page.

📝 Note: The JSON file has a **video-id** field. Research about a React plugin that allows to use this data to open the correct video.

📝 Note: To avoid recreating the comment section, assume that all YouTube channels have disabled their comment section.

SEARCH FEATURE

The user can search for any video by typing the video's title on the search bar at the top of the page. This search functionality works both on the home page and the playback page.

Once a user searches for a video and clicks on the search button, it should take to a third page that lists the videos that match the exact text.

What we look for

In this project, we try to look for 2 specific traits in a potential student:

1. **How close do you recreate the YouTube look?** This showcases that you have a solid knowledge of HTML and CSS, which are the foundation for your frontend developer career.

2. **Code quality:** This means how you organize your code. Your attention to detail by picking good variable names. Detecting parts of the code that are similar and that can be optimized to reduce repetition. We provide more information about this at the links below.

Deliverables

You must deliver your Git repository using the **submission formulary** listed below. Write down your name, email and link to your Git repository.

The deadline is 3 days after you receive this document.

📝 Note: Please do not make any changes to the repository after the deadline. If you want to improve the project, please use a separate Git branch.

Resources & important links

- [Submission formulary](#)

- [Assets folder](#)

- [Code quality article #1](#)

- [Code quality article #2](#)