

# Climedo Health - Frontend

v.2.0 2021

## Introduction

Dear software engineer, with this test we want to assess the level of your skills. **Please make sure to read the full document before you start implementing.**

## Requirements

For the completion of this task please use the following frameworks:

- **Frontend Framework:** Angular (Latest stable version)
- **Styling:** Bootstrap, Font Awesome
- **Other:** Feel free to use any existing open source libraries e.g. npm packages ... Whatever you need to complete the task.

## Task Description

Your task would be to use this museum API <https://metmuseum.github.io/> and build a small web app which is displaying artwork.

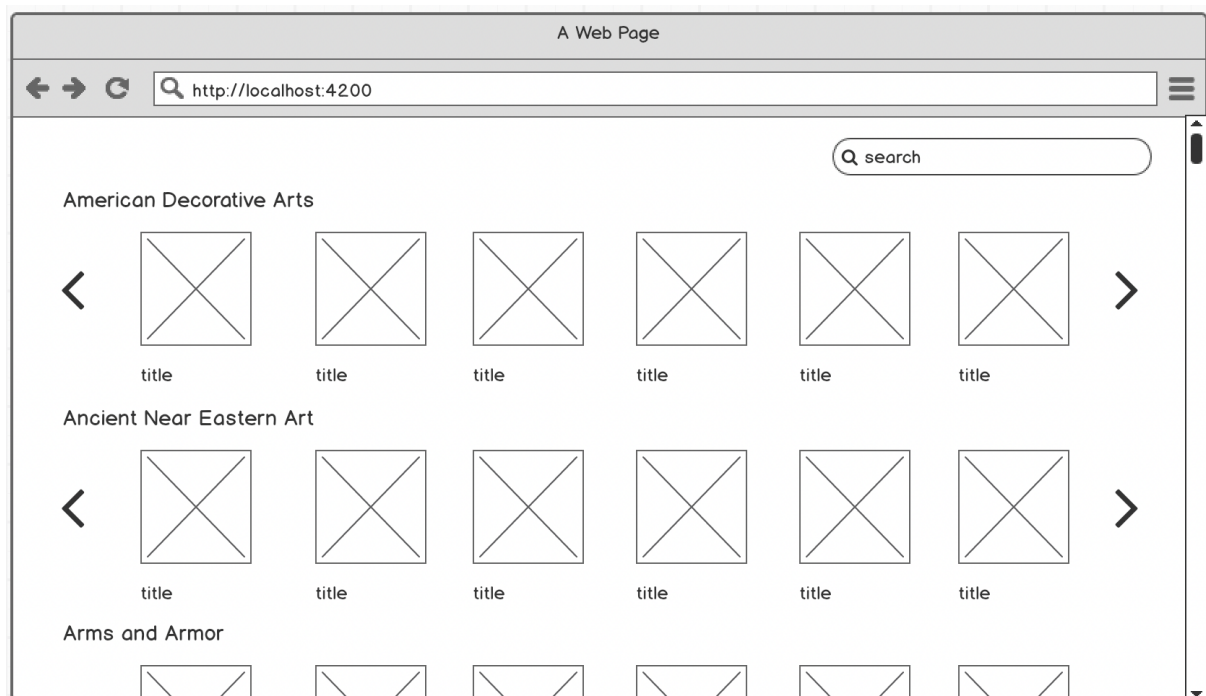


Figure 1.

As shown on the mockup from Figure 1, you need to display all departments in a scrollable view and below each department display a few artworks and their titles, which should belong

to the respective department. The number of artworks shown below the department title should be dependent on the size of the screen. The mockup has 6 but feel free to make it adjustable based on the screen size.

From the `primaryImageSmall` for showing a visual in the image box and `title` for displaying data below the image. Make the title of the image clickable so that when the user clicks on it, show a modal with a bigger image and show a bit more information about the image. We leave it on you to choose which information you want to show and how you want to style the modal. See the json response of the image [object](#) to check what kind of data can you display.

You can also see that there are left and right icons next to the first and last image of the department row. The idea is that you implement a carousel and the user can list through the collection of department images.

**Bonus task:** Implement a search functionality so that the data behind the images listed below the departments is matching the search query. More info you can find if you check the search api [documentation](#) and the query param `q`.

## Evaluation criteria

- TypeScript best practices (for the Angular part)
- Show us your work through your commit history
- We're looking for you to produce working code, with enough room to demonstrate how to structure components in a small program
- Completeness: did you complete the features?
- Correctness: does the functionality act in sensible, thought-out ways?
- Maintainability: is it written in a clean, maintainable way?
- Testing: is the system adequately tested?
- Timing: please spend around 3-4 hours on this task but It is also fine if you want/need to spend more time on it. We will consider the quality/quantity/time ratio.

## Deliverables

Please create a **PRIVATE** [github](#) repository and work there. When you are finished please invite [ClimedoHealthCodingTests](#) to the repository. We will download your solution from there, review it internally and come back to you with next steps. **Please add this PDF to the root of the repository as well.**

**Please do not use a PUBLIC repository as a way to deliver the result and do not expose this test to anyone apart from yourself.**

Please organize, design, test, and document your code as if it were going into production and add a Readme where you will explain how to start/test the app. Additionally at the bottom of the Readme please add **application details section** containing:

- **Name:** Your full name
- **Email:** The email that you used to apply for the job at climedo
- **Position:** The position you are applying for

Because those things might not be 100% clear from your github user details.

**Good luck and have fun!**