

# Portfolio Reading Guide

## Individual Project

*Building my portfolio*

Version 1.1  
12-11-2023  
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# Introduction

This reading guide serves as extra documentation for my portfolio for semester 6 of advanced media design at FHICT. The goal of this reading guide is to add context to the process of how I ended up with the deliverables for this semester.

This reading guide only applies to the individual project, which is building my portfolio.

The portfolio for this project can be visited online:

<https://semester6.lucswinkels.com/projects/individual-project>

# The assignment

The assignment for the individual project was to build a modern website or web app that would serve as a portfolio for all your deliverables for the semester.

As we were free in how we approached the project, I based the assignment on the following research questions:

- How can I create a digital portfolio that showcases my work in a visually attractive way?
  - How can I make sure the portfolio is technologically solid?
  - How can I make sure the portfolio is easily maintainable when adding new content?
  - How can I make sure the portfolio is easy to navigate for users?

With these research questions in mind, the goal was to research and design a prototype, test this prototype, then develop it into a live high-fidelity website.

A more detailed assignment description can be found in the [project plan](#).

# Process & results

## Process

At the start of this project, I wrote a [project plan](#) to document my research questions, form a planning, and have a proper structure for the project.

To answer the sub-question *“How can I make sure the portfolio is technologically solid?”*, I conducted library research (in the form of [trend analysis](#) and [literature study](#)) on [modern web technologies](#) to figure out which technologies I should use to develop the portfolio. I felt like a trend analysis is a great way to research technologies like these, because the world of technology is always changing. Literature study was used to gather insight in which technologies are available.

To answer the sub-question *“How can I make sure the portfolio is easily maintainable when adding new content?”*, I conducted library research (in the form of an [expert interview](#) and [literature study](#)) on [different ways to write content for a portfolio](#). The literature study method was used to figure out which technologies are available to use, and I chose to conduct an expert interview because I knew an expert with first-hand experience with all the technologies I found during the literature study research.

With the technological side of the research done, I still had to answer a very important research question: *“How can I make sure the portfolio is easy to navigate for users?”*, which I answered by designing wireframes and a UI prototype, and testing it using lab and showroom research methods such as [A/B testing](#), [peer reviews](#) and [usability testing](#). I chose these research methods because it allowed me to gather direct feedback from my target audience.

The full process of designing and testing the wireframes/UI prototype can be found [here](#).

After validating my designs with these tests, I was able to develop my prototype into a live website, as documented [here](#). To help maintain a proper structure, I designed a [C4 model](#) for this portfolio.

Throughout this project I communicated with stakeholders and peers on how to adapt and improve the portfolio, and reflected on what went well or could've gone better, which is documented in this [reflection](#).

## Results

Summarized, the result of this project can be tied to the following deliverables:

- [Project plan](#)
- [Research](#) on modern web technologies ([trend analysis](#) / [literature study](#))
- [Research](#) on content management systems ([expert interview](#) / [literature study](#))
- [Research](#) on UX and UI Wireframes/design ([A/B testing](#) / [peer review](#) / [usability testing](#))
- [Live website](#), developed with React
- [C4 model](#)
- [Reflection](#)

# Evidence

The burden of proof tied to this project can also be seen in an overview here:  
<https://semester6.lucswinkels.com/projects/individual-project>

Learning outcome	Evidence
User interaction (analysis & advice)	<a href="#">Portfolio UI design</a>
User interaction (execution & validation)	<a href="#">Portfolio UI design</a>
Software development (software design)	<a href="#">Portfolio Development</a> <a href="#">Portfolio C4 model</a>
Future oriented organisation	<a href="#">Portfolio Project plan</a>
Investigative problem solving	<a href="#">Web technologies research</a> <a href="#">Portfolio content research</a> <a href="#">Portfolio UI design</a> <a href="#">Portfolio Project plan</a>
Personal leadership	<a href="#">Reflection</a>
Goal-oriented interaction	<a href="#">Reflection</a>