Project plan

Individual Project Portfolio

Date	**:**	**27/09/2023**
Version	**:**	**2**
Status	**:**	**Final**
Author	**:**	**Juliën Verheijen**

Version

Version	Date	Author(s)	Amendments	Status
0.1	11/09/2023	Juliën Verheijen	filling out the document	Draft
1	12/09/2023	Juliën Verheijen	Changing main research question	Checked
2	27/09/2023	Juliën Verheijen	Changing sub-questions and research methods	Final

Communication

Version	Date	To
0.1	11/09/2023	*Bardt van der Dennen*
1	12/09/2023	*Bardt van der Dennen*
2	27/09/2023	*Bardt van der Dennen*

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1. Project Assignment

1.1 Context

During the individual project, I must make a personal portfolio in the form of a working website. The portfolio is used to show how I reached the learning outcomes, which research methods I used, the end product, and the conclusions. Besides the portfolio, there needs to be a reading guide for quick and easy navigation through the portfolio.

1.2 Goal of the project

To think about a structure and how am going to show proof of my learning outcomes. Do research for the best tools to use to develop a user-friendly and easy-to-navigate portfolio. Create my own style and present myself in a professional way.

1.3 The assignment

Design and develop an online user-friendly and easy-to-navigate portfolio to proof my learning outcomes.

1.4 Scope

The project includes:	The project does not include:
1 Research for best tools	1 A finished version of the portfolio
2 Design of the portfolio	2 A finished version of the reading guide
3 User test of the designs	3
4 Start of developing the portfolio	4
5 Start of the reading guide	5

1.5 Conditions

Design: Figma
User test: Maze
Development: Visual Studio Code
Coding languages: HTML5, CSS3, JavaScript

1.6 Finished products

Research:

- Best tools to use
- Best ways for navigation

Design:

- Wireframe
- Interactive design
- User test

Software:

- Working HTML code
- Working CCS code
- Working JavaScript code

Content:

- Learning outcomes
- Reading guide

1.7 Research questions

Main Question:
How to create a scalable portfolio to present the projects to stakeholders and teachers in a visually appealing way?

Sub Questions:
How can users easily navigate through the portfolio?

- Who is going to use the portfolio?
- What kind of navigations do exist?
- What should be included in the navigation bar?
- Which navigation type will work best for the portfolio?

How do I make a portfolio visually attractive?

- What are the latest design trends?
- How am I going to display all objects?
- Which colour pallet suits the best?
- Which fonts am I going to use?
- What will the navigation look like?
- Do the users know how to use to portfolio?

How to make a portfolio scalable?

- Am I going to use a framework?
- If yes? Which framework should I use?
- Is a framework the best way to make it scalable for this project?

2. Approach and Planning

2.1 Approach

First, I'm going to research about the research questions, and find some conclusions. After that I'm going to design and test the design with reel users and ask for their feedback. If needed fix the design problems before I start developing.

2.1.1 Test approach

I want to test the Figma prototype with reel users (teachers and students) to look if they got stuck in the design of find some unlogic things. I will ask them for feedback, so I can change the designs.

2.2 Research methods

How can users easily navigate through the portfolio?

- *Who is going to use the portfolio?*
- *What kind of navigations do exist?*
- *What should be included in the navigation bar?*
- *Which navigation type will work best for the portfolio?*

Field – Focus group
Library – Literature study

How do I make a portfolio visually attractive?

- *What are the latest design trends?*
- *How am I going to display all objects?*
- *Which colour pallet suits the best?*
- *Which fonts am I going to use?*
- *What will the navigation look like?*

Library – Literature study
Library – Benchmark creation
Workshop – Sketching
Workshop – Prototyping
Showroom – Co-reflection
Lab – Usability testing

How to make a portfolio scalable?

- *Am I going to use a framework?*
- *If yes? Which framework should I use?*

Library – Literature study
Library – Expert Interview

2.3 Breakdown of the project

Week 1: Project plan & research
Week 2: Design & testing
Week 3: Design iteration & coding

2.4 Time plan

Phasing	Effort	Start	Ready
1 Discover		11/09/2023	15/09/2023
2 Define		18/09/2023	22/09/2023
3 Develop		25/09/2023	29/09/2023

3. Project Organization

3.1 Team members

Name + Phone + e-mail	Abbr.	Role/tasks	Availability
Juliën Verheijen *j.verheijen@student.fontys.nl*	*Student*	*Research, Design, Develop*	*Monday till Wednesday from 9:00 – 5:00* *Thursday and Friday online from 9:00 – 5:00*
Bardt van der Dennen *b.vanderdennen@fontys.nl*	*Semester coach*	*Graded project, Feedback*	*Tuesday & Wednesday from 9:00 – 12:00* *Monday till Thursday online from 9:00 – 5:00*
Erik Heijligers *e.heijligers@fontys.nl*	*Semester head*	*Contact person*	

3.2 Communication

Every Tuesday or Wednesday morning I will ask for feedback from Bardt van der Debben.

If needed I will ask other available teachers or students when I have questions or when I want feedback.

3.3 Test environment

The test will be conducted in the Fontys TQ building.

3.4 Configuration management

There will be a GIT repository for the developed code.

4. Finance and Risks

4.1 Cost budget

n/a

4.2 Risks and fall-back activities

Risk	Prevention activities included in plan	Fall-back Activities
1 Project not on schedule	Working according to plan	Working extra hours after school
2 Unreachable semester coach	Contact other teachers	Contact semester head
3 Unexpected project result	Weekly asking for feedback semester coach	Adjust project
4 Unrealizable ideas/designs	Research what can be achieved	Develop one of the other alternative ideas/designs
5 Inability to solve software problems independently	Search the internet for a solution	Ask students or teachers for help
6 Unable to go to school	Remote work	Contact semester coach