**Fontys**

# Project report

## *Passion project*

### *Photography blog*

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# Context

The Passion Project focuses on creating a photography blog website, leveraging my skills in development and aiming to improve my abilities in UX research, development, and interactive design. This project involves creating a platform where I can sell my personal photography to individuals for personal use or projects.
Goal of the Project
The primary objectives of this project are:
1. Provide access to a unique photography gallery
2. Create a self-expression website
3. Offer an efficient purchase process for photography enthusiasts

# The Assignment

The assignment involves creating a sustainable, accessible platform for sharing and monetizing my photography. The website will offer:
- High-quality photography gallery
- E-commerce functionality for photo purchases
- Engagement features for viewers

# Requirements

**Must Have:**
- Good usability
- Implementation of Gestalt principles
- Clear navigation
- Simple buy process

**Should Have:**
- Light theme/Dark theme option
- Responsive design
- Contrast colors for good readability

**Could Have:**
- Personalization and customization features

**Won't Have:**
- Complex navigation
- Strong colors and fonts
- Bold and loud style
- Real payment feature

# Process and Result

### A. Introduction
This project aimed to create a photography blog website using modern web technologies and UX design principles. The development process followed the Double Diamond methodology, encompassing Discover, Define, Develop, and Deliver phases.

### B. Process Elaboration
a. Briefing phase (07/10/2024 - 16/10/2024)
During this phase, the project plan was developed, outlining the goals, requirements, and timeline for the photography blog website.
b. Discover phase (17/10/2024 - 29/10/2024)
Research was conducted on existing photography blogs and the target audience. This phase involved investigating design principles used in online photography blogs and current UX trends.
c. Define phase (30/10/2024 - 06/11/2024)
The target audience was defined, and user needs were identified. Requirements were prioritized using the MoSCoW method, helping to focus on essential features for the website.
d. Develop phase (07/11/2024 - 29/11/2024)
This phase involved the creation of low-fidelity and high-fidelity prototypes. User testing was conducted to refine the design. The backend development and database setup were completed using Node.js, Express, and MongoDB.
e. Deliver phase (30/11/2024 - 13/12/2024)
The final backend and database were implemented. Due to time constraints, the front-end development and its connection to the backend were not completed as initially planned.

# Conclusions and Recommendations

The project successfully established the backend infrastructure and database for the photography blog. However, the front-end development and integration remain as areas for future work. It is recommended to allocate additional time for completing the front-end development and ensuring seamless integration with the backend in future iterations of the project.

# Evaluation/Reflection

This project provided valuable experience in backend development, database management, and project planning. The use of Node.js, Express, and MongoDB proved to be an effective stack for building the backend of the photography blog. While time constraints prevented the completion of the front-end, the project laid a solid foundation for future development. The experience gained in UX research and design principles will be beneficial for the eventual completion of the user interface. Moving forward, it would be advisable to allocate more time for front-end development and to consider using React for building an interactive and responsive user interface.