CSC670 - User Interface Engineering

Project

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# How to submit Project

1. Add your name and ID to the first page.
2. After editing all the files and creating the required page(s), compress the final folder (containing all the files; including images and media) and submit it as a single compressed file (Zip or Rar files).
3. Rename the file as

YOUR First Name - YOUR Last Name – Student ID – CSC670 – Project.zip

Example: John - Smith - 123456 - CSC670 – Project.zip

1. Upload the file and submit it (only using BrightSpace)

# Part 1 (Module 1): Define Project and its Goal (2 points)

Submit a 1–2-page project plan. See the following for some key sections of the project plan.

* Define the Purpose: Determine the purpose and objective of the website. Is it an e-commerce site, a portfolio, a blog, or something else? Clearly identify the main goal of the project.
* Identify Target Audience: Understand the target audience for the website. Consider their demographics, preferences, and needs to ensure the design aligns with their expectations.
* List Key Features: Make a list of the essential features and functionalities the website should have. This could include navigation menus, contact forms, image galleries, or any other interactive elements.
* Set Project Scope: Determine the scope of the project. Decide on the number of pages, sections, and the overall complexity of the design. This will help manage expectations and create a realistic timeline.

Project Plan for Jane Doe's Portfolio Website

# 1. Define the Purpose:

Objective: The primary objective of Jane Doe's portfolio website is to showcase her graphic design work to potential clients and employers.

Mission Statement: The website aims to highlight Jane's creative projects, provide information about her skills and services, and facilitate contact with potential clients or employers.

## Goals:

Short-term: Launch the website within three months to establish an online presence.

Long-term: Attract at least 500 unique visitors per month and generate 10 client inquiries monthly.

# 2. Identify Target Audience:

## Demographics:

Age: 25-45 years old

Gender: All genders

Occupation: Business owners, marketing professionals, creative directors, and HR managers

Location: Primarily in urban areas with a focus on the United States and Europe

## Preferences:

Aesthetic: Clean, modern, and visually appealing design

Functionality: Easy navigation, fast loading times, and mobile responsiveness

Content: High-quality images of graphic design projects, concise and clear information about services

## Needs:

Quick access to portfolio work

Clear information about Jane's skills and services

Easy methods to contact Jane for potential projects or job opportunities

# 3. List Key Features:

## Essential Features:

Navigation Menus: Intuitive and user-friendly navigation bar

Portfolio Galleries: High-quality images showcasing Jane's best work

About Page: Information about Jane's background, skills, and experience

Services Page: Detailed description of services offered

Contact Form: Simple form for users to reach out to Jane

Responsive Design: Ensures the website looks great on all devices

Blog Section: Optional section for Jane to share insights and updates

## Additional Features:

Social Media Integration: Links to Jane's social media profiles

Client Testimonials: Display positive feedback from previous clients

Newsletter Signup: Optional feature for users to subscribe to updates

# 4. Set Project Scope:

## Number of Pages:

Homepage

Portfolio Page

About Page

Services Page

Contact Page

Blog (optional)

## Sections for Each Page:

Homepage: Hero image, featured projects, brief bio, call-to-action

Portfolio Page: Image galleries categorized by project type

About Page: Detailed bio, skills, and experience

Services Page: List of services with descriptions

Contact Page: Contact form and additional contact information

Blog: List of blog posts (if implemented)

## Design Complexity:

The design will be clean and modern with a focus on high-quality visuals and user-friendly navigation. The website will have moderate complexity, incorporating animations and interactive elements to enhance user experience.

## Timeline:

Planning: 2 weeks

Design: 4 weeks

Development: 4 weeks

Testing: 2 weeks

Launch: 1 week

## Resources and Constraints:

Resources: Web designer, web developer, graphic designer, content writer

Constraints: Budget of $3,000, completion within 3 months

# Part 2 (Module 2): Prototype Design (3 points)

In this Part, you will create the website prototype using Figma or any other design tool. Please see the following main steps for this part.

• Create a Wireframe: Begin by creating a wireframe of each page using Figma or any other design tool. Focus on the layout, structure, and hierarchy of elements. This step will help visualize the overall design before adding detailed visuals.

• Design Visual Elements: Add colors, typography, images, and other visual elements to the wireframe. Consider the branding, user experience, and overall aesthetics of the website. Ensure consistency across pages and create a visually appealing design.

• Review and Iterate: Share the prototype with peers or friends for feedback. Iterate based on the feedback received, making necessary adjustments to enhance the design and improve usability.

Added prototype link and PDF  
Here is the link for prototype:

<https://www.figma.com/proto/hqB4FGR3urdLavS1K2jvBh/Ahamedur-Rashid?node-id=1-2&t=WO1lGW6eFBwbOlr4-1&scaling=min-zoom&content-scaling=fixed&page-id=0%3A1>

Added prototype PDF

I have added a PDF file of this prototype.

# Part 3 (Module 3): Implementation of the Project (5 points)

## Added Code: HTML, CSS, JavaScript

# Part 4 (Module 4): Publish the Website (2 points)

## To Be Determined (TBD)