

Final Project: Human-Centered Website 100 Points Possible

Design and Implementation

12/10/2025

Attempt 1



In Progress

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Unlimited Attempts Allowed

12/1/2025 to 12/10/2025

▼ Details

Overview

In this final project, you will apply what you've learned about HCI and Web Design to create a complete, human-centered website.

You'll design a 6-page website in Figma and then implement it using HTML, CSS, and JavaScript.

Your project should demonstrate:

- A clear idea and target user group.
- Consistent visual design and layout across all pages.
- At least two types of user interactions that enhance usability.

This project is your opportunity to showcase how thoughtful design and solid implementation come together to create an effective user experience.

Please don't use the same website design or files for both Assignment 4 and the Final Project.

Due: 12/10/2025 by 11:59 pm

Deliverables -- 3 Required Submissions

1. Idea and Target User Statement (1 page, PDF)

Describe the concept and purpose of your website design.

Your statement should include:

Concept / Idea: What is your website about? What are the key functions?

Target Users: Who are the primary users or audience groups?

- User Needs and Pain Points: What problems or needs does your website aim to solve for them?
- Design Intent: How does your design (layout, color, interaction) respond to those user needs?

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One-page PDF document. Name your file as `FirstName_LastName_Statement.PDF`.

This part helps demonstrate your human-centered design thinking before creating the prototype.

2. Wireframe and Final UI Design (Figma local copy)

Create a complete **6-page website design** in Figma.

You should include both your **wireframe layout** (low-fidelity) and your **final UI design** (high-fidelity).

Required 6 Pages (Recommended Structure)

1. **Home Page** – Overview, hero image, main navigation, and key message
2. **About Page** – Introduction, story, or mission statement
3. **Services / Products Page** – Display offerings or core functions
4. **Gallery / Portfolio / Highlights Page** – Visual content or showcase section
5. **Contact Page** – Includes at least one form or interactive input
6. **FAQ / Blog / Support Page** – Text-rich page with informational structure

Design Requirements

- Contain **at least two navigation systems** located in **different positions** (e.g., main navigation bar at the top + footer navigation at the bottom).
- Maintain strong **visual consistency** across all pages (colors, typography, spacing, and layout).
- Include **at least two user interactions**, such as:
 - Input form (e.g., sign-up, feedback, contact form)
 - Hover effect, pop-up message, or confirmation alert
 - Navigation highlight or dropdown behavior

Save a local copy of the Figma file, include one page for wireframes and one page for final UI design. Name the file as `FirstName_LastName_Design.fig`.

Your Figma design should clearly demonstrate your intended layout, visual system, and interaction flow.

3. Web Implementation (.zip file including HTML, CSS, and JavaScript)

Implement your Figma design as a functioning website.

You may organize your submission as separate HTML, CSS, and JS files, or combine everything in one HTML (but not recommended).

Technical Requirements

- Your code must run properly in a browser.
- The website structure must include **6 interlinked pages**, consistent with your Figma file.
- Must include **at least two types of user interactions**, consistent with your Figma file.
- The implemented website should **closely match** your final UI design in Figma.

Submit your entire website folder as a **single .zip file** to Canvas, name it as `FirstName_LastName_Development.zip`.

This part demonstrates your ability to translate design into code, apply visual consistency through CSS, and implement user interactions that enhance usability and feedback.

AI Policy

You **may not use AI tools** (such as ChatGPT, Gemini, Copilot, etc.) for the following parts:

- **Idea and Target User Statement**
- **Wireframe and Final UI Design (Figma)**

These sections must reflect your **own creative thinking and original design work**.

You **may use AI tools** to assist with **Web Implementation** (coding) — for example, to debug, check syntax, or write small code snippets.

AI Acknowledgement Requirement

If you use any AI tools for your coding work, you must include an **AI Acknowledgement** at the end of your **Idea and Target User Statement (PDF)**.

Briefly list:

1. Which AI tools you used.
2. What they helped you with.

Example:

AI Acknowledgement: I used ChatGPT to help fix layout alignment issues in my CSS file and to generate part of a JavaScript form validation script.

Failure to include this acknowledgement may result in a **grade deduction**.

Grading Rubric (Total: 100 points)

Part 1: Idea and Target User Statement (Writing) — 20 points

Assessed based on the clarity and depth of your concept and user understanding.

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- Clearly defines the website's purpose, key functions, and target users.
- Identifies user needs and pain points with thoughtful explanation.
- Demonstrates original and human-centered design thinking.
- Writing is clear, concise, and well-structured.

Part 2: Wireframe and UI Design (Figma) – 40 points

Evaluated on creativity, usability, and design coherence.

- Shows a logical transition from wireframe structure to final visual design.
- Reflects consistent visual hierarchy, alignment, and spacing across pages.
- Applies effective use of color, typography, and layout to support usability.
- Demonstrates thoughtful interaction flow and clarity of navigation.

Part 3: Web Implementation (Coding) – 30 points

Graded on technical accuracy and design fidelity.

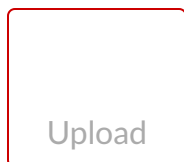
- Code runs properly and the website is functional and accessible.
- Visual appearance aligns closely with the Figma design.
- Demonstrates effective use of HTML structure, CSS styling, and JS interaction.
- Shows attention to detail and clear organization of code and assets.

Organization and Submission (Files) – 10 points

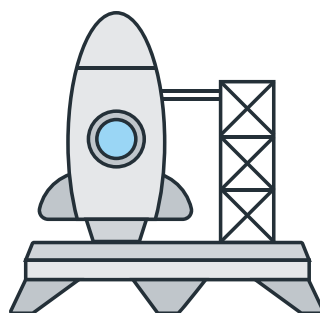
Assessed based on completeness and submission format.

- Files are correctly named and organized.
- All required deliverables (PDF, .fig, .zip) are submitted.

Please note: All required files must be submitted by **December 10, 2025, 11:59 PM**. No late submissions will be accepted.

Choose a submission type

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Choose a file to upload

or

 Webcam Photo Canvas Files

Submit Assignment

<https://iit.instructure.com/courses/17731/modules/items/304714>