

ICS 499 – Software Engineering & Capstone Project

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Assignment 1: About Me – Single Page Web Application

Points: 25

Assignment Type: Individual

Deliverable: A complete single-page web application

1. Objective

The purpose of this assignment is to:

- Help you establish a professional technical presence
- Reinforce fundamentals of front-end web development
- Practice structuring, documenting, and packaging a software deliverable
- Prepare a reusable personal profile that can evolve into a portfolio site

By the end of this assignment, you will build a **single-page web application** that introduces *you as a software engineering student and aspiring professional*.

2. Assignment Description

You will design and develop a **single-page website** titled "**About Me**" using standard web technologies. The page should clearly present your academic background, technical skills, and project experience.

The application must launch from **index.html** and run locally in a browser without requiring a server.

3. Required Content

Your single-page application **must include** the following sections:

A. Profile Overview

- Your full name
- Current major and university
- A short professional summary (3–5 sentences)

B. Courses Taken

- List of relevant courses completed so far
- Include course titles (e.g., Data Structures, Software Engineering, Databases, Web Development)
- Ensure that these courses are listed as a HTML table

C. Technical Skills

- Programming languages (e.g., Java, Python, JavaScript, C++, etc.)
- Technologies / frameworks (e.g., HTML, CSS, React, Node.js, SQL, Git, AWS, etc.)
- Tools (e.g., GitHub, VS Code, Docker, IntelliJ, Eclipse, etc.)
- AI Tools you use (claude.ai, copilot, chatgpt, etc.)

D. Projects / Websites

- At least **2 projects** you have worked on
- For each project include:
 - Project name
 - Brief description (2–3 lines)
 - Technologies used
 - GitHub repository or live website link (if available)

E. Professional Links

- LinkedIn profile (optional)
 - GitHub profile (required – create one if you don't have one)
 - Portfolio or personal website (optional)
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4. Technical Requirements

Required

- Must be a **single-page web application**
- Must include **index.html** as the entry point
- Must run locally by double-clicking index.html
- Use:
 - HTML5
 - CSS (inline, internal, or external)
 - JavaScript (optional but encouraged)

Optional (Bonus – no extra points, but good practice)

- Responsive layout (mobile-friendly)
- Navigation bar or internal page sections
- Smooth scrolling or basic interactivity
- Clean UI design and consistent styling

5. Folder Structure

Your submission **must follow this structure**:

AboutMe_LastName_FirstName/

|— index.html

|— css/

| └─ styles.css (optional)

|— js/

| └─ script.js (optional)

|— assets/

| └─ images/ (optional)

⚠ The page must load correctly even if optional folders are not used.

6. Submission Instructions

1. Place all files in a single folder named:

AboutMe_LastName_FirstName

2. Zip the folder:

AboutMe_LastName_FirstName.zip

3. Submit the ZIP file to the D2L dropbox
4. The instructor will launch your website **only by opening index.html**

7. Grading Rubric (25 Points)

Category	Description	Points
Content Completeness	All required sections included	10
Technical Correctness	index.html loads correctly, links work	5
Design & Usability	Clean layout, readability, organization	5
Professional Quality	Writing quality, clarity, presentation	3
Packaging & Structure	Proper folder structure and naming	2
Total		25

8. Academic Integrity

- This must be **your own work**
 - You may use online references, tutorials, or templates.
 - Cite any third-party libraries or resources used
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9. Evaluation Criteria (Instructor Notes)

- Code readability and organization
- Appropriate use of web standards
- Professional tone and presentation
- Attention to detail

10. Future Use

This assignment is the foundation for:

- Your capstone portfolio
- Resume and LinkedIn alignment
- Future GitHub-based assignments

You are encouraged to **continue improving this page throughout the semester.**

Good luck, and treat this as your first professional deliverable in ICS 499!