# Assignment 5: Personal Webpage Showcase

# (AI-Integrated Version)

## 🎯 Objective

Create a **personal webpage** that showcases your skills, interests, and accomplishments. The webpage should be visually appealing, informative, and demonstrate your proficiency in **HTML, CSS, and basic web design**. You will also practice **AI-assisted development** using tools like GitHub Copilot or Cursor while maintaining critical oversight and reflection.

This assignment emphasizes both **technical competence** and **responsible use of AI tools** in modern software development.

## Step 1: Planning

Before coding, plan your personal webpage. - **Purpose:** What is the main purpose of your webpage? (Portfolio, resume, blog, or combination?) - **Content:** What information will you include? (Bio, resume, projects, hobbies, contact info.) - **Design:** Choose a color scheme, fonts, and layout that reflect your personality and purpose. - **AI Setup:** Ensure you have GitHub Copilot or Cursor enabled. Be ready to log AI prompts in a .prompt/dev\_notes.md file.

## Step 2: Creating the Webpages

Your site should be a **multi-page website** with consistent navigation.

### Homepage (index.html)

* Title, header, and a short introduction about yourself.
* Navigation links to other sections (About Me, Resume, Projects, Contact).

### About Me (about.html)

* A detailed biography: background, interests, and goals.
* A photo of yourself stored in an **/images** subdirectory.

### Resume (resume.html)

* Include your resume or CV with sections like education, experience, skills, and achievements.
* Embed as formatted HTML, PDF, or an image.

### Projects (projects.html)

* Showcase at least **two projects**.
* Include descriptions, screenshots/images, and links to live demos or repositories.

### Contact (contact.html)

* Provide contact info (email, LinkedIn, GitHub).
* Include a **contact form** (see Step 4).

## Step 3: Styling and Layout

* Use a **separate CSS file** (styles.css) linked from each HTML page.
* Ensure consistent fonts, colors, and layout across pages.
* Make your site **responsive** so it works on desktop and mobile.
* Use semantic HTML (<header>, <nav>, <main>, <footer>) for structure.

## Step 4: Form Page

Add a **form** on the contact.html page. - Fields: - First Name (required) - Last Name (required) - Email Address (required, valid format) - Password (required, min 8 characters) - Confirm Password (required, must match Password) - Use attributes: required, type, pattern, minlength. - Show clear error messages (using HTML or minimal JavaScript). - Redirect to a **Thank You page** (thankyou.html) after submission. - **Accessibility requirement:** All inputs must have labels connected with for and id. Add alt text for any images.

## Step 5: AI Prompts and Reflection

Since this is an **AI-first course**, you must: - Create a .prompt/dev\_notes.md file in your repo. - Log at least **3 prompts** you used with Copilot, Cursor, or another AI IDE. - Include: 1. The **prompt you wrote** 2. The **AI output** 3. A **note on whether you accepted, modified, or rejected** the output - Write a **150-word reflection** in the same file: - Where AI helped you save time - Where AI made mistakes - How you balanced AI assistance with your own coding

## Step 6: Final Touches

* Test your site in at least **two browsers**.
* Validate your HTML and CSS.
* Ensure navigation works across all pages.
* Commit and push your code frequently.

## Step 7: Submission

1. Zip all project files (HTML, CSS, images, .prompt/dev\_notes.md).
2. Submit the .zip file on Canvas.
3. Ensure your repo is also pushed to GitHub and shared with your instructor + GA.
   1. **Include a link to your GitHub Repo in your HTML website submitted to Canvas**

## 📊 Grading Rubric

* **Content Quality (20%)** — meaningful biography, resume, projects, and contact info
* **Design & Layout (20%)** — consistent styling, responsiveness, accessibility
* **Technical Correctness (20%)** — valid HTML/CSS, working navigation, functional form
* **AI Documentation (20%)** — .prompt/dev\_notes.md with prompts + reflection
* **Professionalism (20%)** — clean repo, organization, and attention to detail

## 💡 Tips for Success

* Don’t let AI do *all* the work. Use it for scaffolding, but add your own content and styling choices.
* Make your site feel like *you*. This is both a technical project and a creative expression.
* Debugging AI mistakes is part of the assignment. Document when AI gets things wrong.
* Look at your site on your phone — does it still look good?

By the end of this project, you’ll have a **personal multi-page website** that shows off your skills *and* your ability to use AI responsibly as a coding partner.