ASSESSMENT BRIEF

Web Authoring Assignment 1 - Portfolio Website

Module Title:	Web Authoring	**Module Code:**	5N1910
Teacher:	Joshua Aaron	**Weighting:**	30%
Brief Issued:	4 November 2025	**Submission Date:**	10 December 2025
Assessment Technique:	Assignment	**Learning Outcomes:**	1, 2, 3, 8, 13

Authorship Declaration

I hereby declare that all work described in this assignment, except where referenced, is entirely my own. All sources of information have been acknowledged by means of reference as required. I wish to confirm that I have retained a copy of this assignment for my own personal use and in the event of being requested for an additional copy by my teacher.

Overview and Purpose

This assignment asks you to create a portfolio website that demonstrates your practical web development skills and understanding of HTML and CSS fundamentals. You will build a multi-page website with consistent navigation and styling, creating a tangible artifact that showcases your capabilities.

The portfolio format serves several purposes. First, it gives you practice building a multi-page website with consistent navigation and professional design. Second, it creates a demonstration of your skills that you can reference in future courses or show to potential employers. Finally, by hosting your work on GitHub, you gain experience with version control and professional development workflows. The documentation in your readme and planning files demonstrates your ability to think critically about design decisions and communicate technical information clearly.

Learning Outcomes

By completing this assignment, you will demonstrate your ability to:

1. Discuss the development of HTML and CSS standards and their evolution
2. Comment on the use, purpose, and attributes of a range of HTML tags
3. Explore currently available development and editing tools
4. Employ HTML tags in the construction of web pages that conform to W3C standards
5. Work independently to design, implement, and maintain webpages

Project Description

You will create a portfolio website consisting of three pages. The main page (index.html) serves as the landing page for your portfolio. The two additional pages can be about topics of your choice that demonstrate your web development skills and allow you to practice implementing various HTML elements and CSS styling techniques.

This portfolio structure allows you to practice the technical skills covered in class while creating a professional web presence. The documentation files (readme.md and planning.md) provide evidence of your planning process and ability to communicate about your work professionally.

Deliverables

You will submit a link to a GitHub repository containing all files for your website. The repository must include:

Required Files

- **index.html** - Your main portfolio landing page
- **page2.html** - Second page (topic of your choice)
- **page3.html** - Third page (topic of your choice)
- **styles.css** - External stylesheet for all pages
- **readme.md** - Description of your website and its contents
- **planning.md** - Documentation of your planning process

Additional Files

Any images, fonts, or other assets your website uses should be organized in appropriate folders (e.g., images/, assets/).

Technical Specifications

HTML Requirements (between your three pages)

Document Structure

- Proper DOCTYPE declaration
- html, head, and body elements
- Meta tags including charset and viewport
- Descriptive title elements on each page

Semantic HTML5 Elements

- header
- nav
- main
- section
- footer
- div (for grouping when semantic elements are not appropriate)

Content Elements

- Heading hierarchy (h1, h2, h3, h4, h5, h6) used appropriately
- Paragraphs (p) with substantial text content
- Both ordered (ol) and unordered (ul) lists with list items (li)
- At least one data table with proper table, tr, th, td, and caption elements
- Images (img) with descriptive alt attributes
- Links (a) for navigation between pages
- At least one HTML character entity such as: Copyright symbol (©), Euro sign (€), Or other appropriate characters

Forms

At least one page must include a form containing:

- At least one text input field
- At least one email input field

- At least one other input type (number, date, checkbox, radio, textarea, etc.)
- Appropriate label elements associated with inputs
- A submit button

CSS Requirements:

Selectors

- Element selectors (e.g., p, h1, nav)
- Class selectors (e.g., .highlight, .card)
- ID selectors (e.g., #header, #main-nav)
- Combination selectors where appropriate

Text and Font Properties

- font-family with appropriate fallback fonts
- font-size using appropriate units
- font-weight for emphasis
- font-style where appropriate
- text-decoration
- text-align
- line-height for readability
- Link pseudo-classes providing clear visual feedback:
    - a:link (unvisited link styling)
    - a:visited (visited link styling)
    - a:hover (mouse-over effect)
    - a:active (clicking effect)

Colors and Backgrounds

- color properties for text
- background-color for sections and elements
- background-image if appropriate for your design
- Consistent color scheme throughout

Layout Properties

- Display properties (block, inline-block, flex if you're comfortable with it)
- Margin for spacing between elements
- Padding for spacing within elements
- Border properties with appropriate use of border-radius

Assessment Criteria

Your work will be assessed on the following criteria:

Criterion	Marks
Planning and Documentation	8
• Quality and thoughtfulness of planning.md	
• Discussion of HTML/CSS evolution in planning.md	
• Explanation of 4+ HTML tags in planning.md	
• Clarity and completeness of readme.md	
• Evidence of design consideration before implementation	
HTML Implementation	11
• Proper document structure and valid HTML5	
• Correct use of all required HTML elements	
• Semantic HTML used appropriately	
• Clean, readable code with consistent formatting	
• Accessible markup with appropriate alt text and labels	
CSS Implementation	11
• External stylesheet properly linked to all pages	
• Effective use of selectors (element, class, ID)	
• Professional and consistent visual design	
• Proper implementation of all required CSS properties	
• Good use of color, typography, and spacing	
• Interactive elements providing clear visual feedback	
TOTAL	**30**

Submission Instructions

Submit the URL of your GitHub repository via Moodle (Link TBD)

Submission deadline: 11:59 PM on 10 December 2025

Ensure that your repository is public so that it can be accessed for assessment. Your repository should be named appropriately (e.g., "web-authoring-portfolio-Joe-Schmoe" or "qqi-web-portfolio-Josephine-Schmosephine") and should include all required files. Test your site by viewing the files in a web browser before submission to ensure all links work and styling displays correctly.

Guidance and Support

This assignment integrates multiple skills and concepts you have learned. If you feel uncertain about any aspect, review the relevant class materials and tutorials first. The planning process is particularly important - taking time to think through your design before coding will make the implementation phase considerably easier.

In your planning.md file, take time to research and explain HTML and CSS evolution in your own words. This demonstrates your understanding of how web technologies have developed. Similarly, explaining specific HTML tags and CSS techniques in your planning shows that you understand not just how to use them, but why they exist and when they are appropriate.

If you encounter technical difficulties, use the browser's developer tools to inspect your HTML and CSS. Most modern browsers include these tools, which can help you identify issues with your code. The W3C HTML and CSS validators are also valuable resources for checking that your code follows standards.

Remember that this portfolio represents your learning this term. Approach it as an opportunity to demonstrate what you have accomplished and to create something you can be proud of.

Additional Notes

The emphasis in this assignment is on demonstrating your understanding of web authoring fundamentals. While visual design is important, clarity of code and demonstration of required elements takes precedence over elaborate styling. A clean, simple design that works well is preferable to an overly complex design with technical issues.

Your documentation files (planning.md and readme.md) are important components of this assignment. They demonstrate your ability to think critically about design and communicate about technical work - valuable professional skills.

All work submitted must be your own. While you may consult resources and tutorials, the code you submit should be written by you. If you adapt code from a tutorial or other source, you must document this in your planning.md file with proper attribution.

This assignment is designed to help you consolidate your learning while creating a tangible demonstration of your skills. Take pride in your work, and use this opportunity to create something that represents your capabilities and understanding.

Detailed Requirements

GitHub Repository

Your repository should be properly structured with clear organization. The readme.md and planning.md files serve as documentation of your work, demonstrating your ability to plan thoughtfully and communicate about technical projects.

planning.md Requirements

Your planning.md file must include:

- A brief description of your portfolio's purpose
- Identification of your target audience
- Explanation of what you planned to include on each page and why
- Description of design decisions (color schemes, layout choices, typography)
- Explanation of your navigation structure and why you chose it
- Sketches or wireframes of your planned layout (can be hand-drawn and photographed)
- List of technologies and tools you planned to use
- Brief discussion of HTML and CSS evolution (in your own words with citations)
- List and explanation of at least 4 HTML tags you plan to use effectively
- List and explanation of at least 4 CSS properties or techniques you plan to implement

readme.md Requirements

Your readme.md file must include:

- Overview of your portfolio website and its purpose
- Description of the contents of each page
- List of special features you implemented
- Technologies used (HTML5, CSS3, etc.)
- Instructions for viewing the site locally
- Links to the live pages (if hosted)
- Credits and attributions for any resources used (images, fonts, code snippets)
- Reflection on what you learned during this project

All Three Pages

Each of your three pages should demonstrate professional design and consistent styling. All pages must include:

- Semantic HTML5 structure with header, nav, main sections, and footer
- Multiple heading levels used appropriately
- Paragraphs with well-structured text content
- Navigation links to your other pages
- Consistent visual design using your external stylesheet

Additionally, across all three pages you must include (not necessarily all on every page):

- Both ordered and unordered lists
- At least three images with appropriate alt text
- At least one data table with proper structure
- A form with at least three different input types (on at least one page)
- At least one special HTML character entity

Page Content Suggestions

While you have freedom to choose your content, here are some suggestions:

- **index.html** - About you, your interests, professional introduction
- **page2.html** - Projects showcase, hobbies, photo gallery, favorite topics
- **page3.html** - Contact form, skills list, resources, resume information

Stylesheet (styles.css)

All styling must be in an external CSS file linked to all three HTML pages. This ensures consistency across your portfolio and demonstrates proper separation of content and presentation.

Your stylesheet must include:

- Styling using element selectors, class selectors, and ID selectors
- Font properties demonstrating control over typography
- Color and background properties creating a cohesive visual design
- Border properties with appropriate use of border-radius where suitable
- Appropriate use of padding and margins to create visual spacing
- Link pseudo-classes (a:link, a:hover, a:active, a:visited) to provide visual feedback
- Responsive considerations so the site is readable at different screen sizes

The visual design should be professional and consistent across all pages. Choose a color scheme that provides good contrast and readability. Use whitespace effectively to create visual breathing room. Ensure your typography is legible and appropriate for a professional portfolio.