Website Plan Template

1. Planned Pages (Site Map Draft)

List of all the pages I plan to include. I

- **Homepage – index.html**

- **Using the Code Editor – code-editor.html**

- **HTML – Semantic Elements – semantic-html.html**

- **CSS – Layout – css-layout.html**

- **CSS – Responsive Design – responsive-css.html**

- **Accessibility – accessibility.html**

- **Validation for HTML and CSS Code – validation.html**

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2. Content Details for Each Page

A description for each of the content I will include on each page.
Homepage (index.html)

This page will introduce the site and explain that it's a collection of resources that helped me in this course. It will include my name, an avatar, and a short paragraph about why I chose to take this class and what I've learned. It will also give a brief description of what visitors can find on each of the other pages and how to use the site.

Using the Code Editor (code-editor.html)

This page will list resources that explain how to install, open, and use a code editor (like VS Code) for HTML/CSS projects. I'll include links to tutorials on setting up a workspace, using extensions, and working with files and folders. I'll also add a short summary for each link explaining why it was helpful.

HTML – Semantic Elements (semantic-html.html)

This page will focus on resources that teach semantic HTML, such as articles or videos explaining elements like <header>, <nav>, <main>, <section>, and <footer>. I'll include short descriptions of why semantic HTML improves structure and accessibility. Each resource link will include a 1–2 sentence note about the main lesson I took from it.

CSS – Layout (css-layout.html)

This page will share resources about using CSS for page layout, including Flexbox and CSS Grid tutorials. I'll link to guides that helped me understand how to build multi-column layouts, center content, and create reusable layout patterns. I'll also briefly explain how these resources helped me organize the layouts in my own assignments.

CSS – Responsive Design (responsive-css.html)

This page will list resources that explain responsive web design concepts like media queries, relative units (%, em, rem), and mobile-first design. I'll include at least one article or video that demonstrates how to adjust layouts for different screen sizes.

Accessibility (accessibility.html)

This page will include resources about making websites accessible, including topics like keyboard navigation, headings, and color contrast. I'll link to one or more accessibility checklists or tools (such as WAVE) and summarize how they help find issues.

Validation for HTML and CSS (validation.html)

This page will focus on resources about validating HTML and CSS code, such as the W3C validators. I'll include links to the validators and any tutorials that explain how to read and fix validation errors. I'll explain how running validation helped me clean up my code and avoid common mistakes.

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3. Planned Media & Assets

A list of images, icons, videos, tables, or forms I plan to include.

- Images: A profile image or avatar for the homepage, maybe a code editor icon
- Icons: Optional nav icons
- Videos: A YouTube tutorial from my Professor that they have provided to me.
- Tables or Lists: Unordered lists of resources on each page.

- Forms (e.g., contact form): A simple "Suggest a Resource" form on the homepage or accessibility page

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4. Navigation Plan

How users will move through my site.

- Navigation menu labels:
  (Home, Code Editor, Semantic HTML, CSS Layout, Responsive Design, Accessibility, Validation)

- Footer links: "Back to top" anchor link and/or GitHub profile link

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5. Accessibility Consideration:

All meaningful images will have descriptive alt text, including the profile/avatar image and any icons or screenshots that convey information. Decorative icons will either use CSS or have empty alt text (alt="").

Each page will have one <h1> describing the page topic.
Sections will use <h2>, and any subpoints will use <h3>, keeping headings in logical order with no skipped levels.

I will use high-contrast color combinations that meet WCAG guidelines. I will check contrast using a contrast checker and avoid relying on color alone to show meaning.

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6. File and Folder Plan

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/final-website-project
  index.html
  /pages
    code-editor.html
    semantic-html.html
    css-layout.html
    responsive-css.html
    accessibility.html
    validation.html
  /css
    style.css
  /img
    profile.jpg
    icons/
      code-editor-icon.svg
```

7. Code Validation

I will validate all HTML files using the W3C HTML Validator and all CSS files using the W3C CSS Validator. If the validators show any errors or warnings, I will return to the code, fix the issues and re-run validation until the pages are error-free. I will also validate the live GitHub Pages version of the site to make sure nothing broke when publishing.