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Professor Mangual

Cis 130

11/6/25

My plan

1. Draft Site Map (Planned Pages)

Home — index.html

Code Editor — code-editor.html

Semantic HTML — html-semantic.html

Layout Using CSS — css-layout.html

Responsive Design Using CSS — responsive-design.html

Accessibility — accessibility.html

Validating Your HTML & CSS — validation.html

2. Content to Include on Each Page

Home (index.html)

The Home Page will include a short description of myself; an image or a picture of avatar; and a brief description of the reason why I decided to complete this course. The home page will give a quick overview of the purpose of the website, provide navigation to the resource pages.

Using the Code Editor (code-editor.html)

On this page I will include a resource which assisted me in using Visual Studio Code (VS Code). On this page I will include a link to a tutorial or guide and a short explanation of how this resource assisted me in editing and managing HTML/CSS files.

HTML-Semantic Elements (html-semantic.html)

On this page I will include a minimum of one resource that assisted me in learning about semantic HTML elements etc.. This page will describe why these tags are important to improving the structure, readability and accessibility of a webpage.

CSS-LAYOUT (css-layout.html)

This page will link to a resource that will explain layout methods including the CSS Box Model, Flexbox, or Grid. This page will also describe how these tools allowed me to organize content and create visually structured webpages.

CSS-RESPONSIVE DESIGN (responsive-design.html)

This page will provide a resource that describes how to implement responsive design methods such as media queries and flexible units. This page will also include a short description of why responsive design is so important in creating websites that work well across multiple devices.

Accessibility (accessibility.html)

This page will provide a resource that focuses on providing alternatives to images; labeling controls for ARIA; ensuring proper color contrast; and implementing keyboard navigation. This page will explain how accessibility allows me to ensure that my website can be utilized by everyone, regardless of whether they have a disability or not.

Validating Your HTML & CSS Code (validation.html)

This page will include a resource that provides links to the W3C HTML Validator and W3C CSS Validator. On this page I will also explain how validating your HTML & CSS code will assist me in identifying and correcting errors in order to assure that my website meets the web standards.

3. Images and Assets

Images:

My picture or avatar on the Home page.

Icons:

Optional icons for section headings.

Videos:

Optional YouTube tutorials on resource pages.

Lists:

Resource list(s) on each page.

Forms:

Not needed for this project.

4. Navigation Strategy

Menu Navigation Labels:

Home

Code Editor

HTML Semantic

CSS Layout

Responsive Design

Accessibility

Validation

Footer (Optional):

Back to Top

Link to GitHub Repository

5. Accessibility Strategies

All images will include alternative text descriptions.

Each page will follow proper header structure (H1 > H2 > H3).

Color contrast will be consistent with the accessibility guidelines.

Navigation will be accessible via the keyboard.