SSD – Front-End Web Development Essentials

Final Project

Course Value: 40%

Due Date: September 27, 2025, 11:59pm

Project Description

Create a small business website with three HTML pages, including a home/about page, a services/products page, and a contact page. Focus on clear, functional design with semantic HTML. Forms do not need to be functional.

No HTML or CSS templates or frameworks should be used. Aside from a normalize or reset CSS file, the code submitted should be written by you.

Project Submission and Important Notes

- Zip up your project folder
- Submit the zipped folder to the drop box for this assignment on The Learning Hub
- Please refer to the assignment rubric on the Learning Hub for more information.
- If you used resources such as StackOverflow, ChatGPT, or CodePen for code snippets, please add a comment in your code where the snippet is used or based on.
- Use the following tools to help ensure that your code is valid and error-free.
  - https://validator.w3.org/
  - https://jigsaw.w3.org/css-validator/
- Use this website to check your colour combinations to ensure that they are accessible:
  - https://webaim.org/resources/contrastchecker/

Instructions:

1. **Folder & File Structure**
   a. Create a project folder named ssdp1100_final-project_your-name
   b. Create a subfolder named for your CSS, and if needed, your JavaScript files.
   c. Place a copy of normalize-ssd.css in your CSS subfolder.

2. **Linking CSS**
   a. In each HTML file, link both normalize-ssd.css and your custom CSS file correctly.

3. **Content & Features**
   a. Use text, video, and image content under applicable licenses or placeholders (e.g., Lorem Ipsum). Feel free to write your own content as well.
   b. Create three HTML pages:

i. Home/About the business
ii. Services or products offered
iii. Contact page with a contact form

c. Include the following HTML elements across the site:
   i. A table
   These are some excellent resources about making semantic HTML tables:
   - MDN HTML table basics
   - MDN HTML table advanced
   - Video – How to create HTML Tables
   ii. At least 4 <u>web-optimised</u> images related to the business using modern image formats
   iii. An SVG or PNG that will serve as your website logo
   iv. A testimonial section using the appropriate HTML tag for quotes
   v. An FAQ section with at least 3 questions listed and answered using an HTML tag that creates widget in which information is visible only when the widget is toggled into an open state, otherwise known as an *accordion*. **No JavaScript is necessary for this.**
   vi. A contact form that is semantically correct and accessible (does not need to be functional)
   vii. Site navigation linking all pages, repeated on all pages
      - **<u>Note:</u>** A functional mobile navigation is required; it does not have to use a hamburger menu.

4. Styling Requirements
   a. Use at least one external stylesheet to style all the webpages, or multiple stylesheets, as long as every webpage is fully styled.
   b. Use CSS Grid at least once for layout.
   c. Use CSS Flexbox at least once for layout or components.
   d. Use accessible typography and colours throughout the website.
   e. Set link styles for hover, visited, active, and focus states. Keep in mind that they do not need to be all different colours, as long as they align with your overall design and are accessible.

5. **Reflection Questions**
   Submit through the comments section of your assignment drop box or as a separate file inside your zipped folder
   a. What resources or websites did you use while working on this project?
   b. What is your favorite aspect or feature of your website?
   c. What is something you learned from this course you want to improve on as you continue?