DIGT 1302 - Web Development Basics

Project Phase 1: Content Development

Summer 2025

Due Date: June 8, 2025, 23:59pm

Objectives

- To Create the basic structure and content of the application.
- To practice the use HTML to build web pages.
- To practice the use of version control in project execution.
- To demonstrate proficiency in web content creation and best practices
- To showcase the ability to deploy and share web applications on a public platform such as GitHub.

Required Tasks

For the first deliverable, you will create the content of the web application by building at least 7-10 HTML documents that make up the pages of your application. These pages should demonstrate a clear understanding of HTML elements and tags. You should also utilize semantic HTML to ensure a uniform and accessible structure throughout the site.

A- To meet these requirements, ensure that your project include:
1. Three mandatory pages: Home (index.html), About (about.html), and Contact (contact.html).
2. A consistent use of semantic HTML elements (e.g. `<header>`, `<nav>`, `<main>`, `<section>`, `<article>`, `<aside>`, `<footer>`) to define the structure and organization of your content.
3. A variety of HTML tags to format and present your content, including headings (`<h1-6>`), paragraphs (`<p>`), lists (`<ul>`, `<ol>`, `<dl>`), images (`<img>`), links (`<a>`), and possibly other media to demonstrate page functionality.
4. At least one page that includes a form using HTML5 input types (e.g. `<input type="text">`, `<input type="email">`, `<input type="password">`, `<textarea>`, `<select>`). For example, you may include an order form that includes customer's/user's name, address, credit card company (visa, master card, etc) as a radio button group, credit card number, phone number, and email address,

as well as the order information. For this assignment, the form will not be validated or processed.

5. Proper use of HTML attributes and values to enhance the functionality and accessibility of your content.

6. Clear and consistent naming conventions for your files and IDs/classes to facilitate easy navigation and styling.

B- All the pages have to share a common look and feel, achieved through consistent placement of graphics and navigation and through sharing of a common color scheme.

Collect all the required information, graphics, and pictures by researching free resources on the Web. Mention credits for graphics and property info in the footers of your pages.

While not a direct requirement, it is preferable to have a clear structure of your project files. Create the folders \images", \css" and \js" to help keep your file structure clean.

Validate your HTML code using the https://validator.w3.org

Submission

You should submit on eClass one zip file that contains:

- A pdf document with your team names, IDs, Project title, and the link to your Github deployed web application.

- A folder containing all the HTML files and assets (images, etc.)