

ENSF-381: Assignment 1

Winter 2024

Department of Electrical and Software Engineering

Schulich School of Engineering

Due: February 5, 2024 at 11:59 PM

The purpose of this assignment is to build the front-end of a simple e-commerce website.

Administrative Details

- The submission should be as a single compressed file (.zip) which includes a complete source code and resources (e.g., images) ready for execution without modifications. The name of the submitted file would have the following format: “Assignment#_ENSF381_Section#_Group#”. For example: “Assignment1_ENSF381_L01_Group01”.
- When working in a group, submit ONLY ONE copy; i.e. do not submit 2 separate copies.
- Please mention the group member's name and UCID at the top of your code as source code comments in the main page (index.html).

Specifications:

The goal is to create a visually appealing and user-friendly homepage, product page, contact page, and login page. In this assignment, the focus will be on the HTML structure only. The styling (CSS) will be addressed in the next assignment.

File Organization - 10 Marks:

Create a new directory for your project. Inside the project directory, create the following files, and organize your files as follows:

- **index.html:** The homepage of the e-commerce website.
- **products.html:** The product listing page.
- **contact.html:** The contact page.
- **login.html:** The login page.

- **styles.css:** This file will be used **in the next assignment** for styling. For now, you can create an empty file.

Home page (index.html) - 30 Marks:

Requirements:

- Create the home page layout with HTML. The home page will have navigation links to other pages of the website, vision and mission of the company, and feedback from the previous customers.
- Display at least two customer feedback.

Place the following elements in your HTML at these specific locations and do not change the order:

- **<header>**: This is where your website's logo and name should be placed. The logo should be placed at the top left and the company name should be placed right after the logo.
- **<div>**: The navigation links to other pages (home.html, products.html, contact.html, and login.html) are placed directly below the header.
- **<main>**: Below the navigation section, where the primary content, “About Us” section should be placed. You may add the mission and vision of the company in this section. There will be a “Shop Now” button that will direct the user to the product page, and the button should be placed right under the “About Us” section. You must add at least two customer feedback in the “Customer Reviews” section. This section may contain a customer name followed by their review in a new line.
- **<footer>**: Add a footer with a copyright notice at the bottom of your page.

```
<!-- index.html -->
<!DOCTYPE html>
<html lang="en">
<head>
    <!-- Add meta tags, title, and link to styles.css here -->
</head>
<body>
    <header>
        <!-- Logo and website name go here -->
    </header>

    <div>
        <!-- Navigation links go here -->
    </div>

    <main>
        <!-- About Us Section -->
        <section class="about-us">
            <!-- About Us contents go here -->
        </section>
```

```
<section class="shop-now">
  <!-- Shop Now Button (as a link to the Products page) -->
</section>

<!-- Customer Reviews/Testimonials Section -->
<section class="customer-reviews">
  <!-- Add reviews as needed -->
</section>
</main>

<footer>
  <!-- Copyright notice goes here -->
</footer>
</body>
</html>
```

Product Page (products.html) - 20 Marks:

Requirements:

- Create a product listing page with HTML. You have to add 2 products per line.
- Display at least four products with their associated image, name, price, and a button to add them to the cart. This button will not have any functionality at this moment.

Place the following elements in your HTML at these specific locations and do not change the order:

- **<header>**: This is where your website's logo and name should be placed. The logo should be placed at the top left and the name should be placed right after the logo.
- **<div>**: The navigation links to other pages (home.html, products.html, contact.html, and login.html) are placed directly below the header.
- **<main>**: Below the navigation bar, where the primary content, including the products, should be placed. Each product must be displayed with an image of the product, followed by the name, price, and a button to add the product to the cart. Use the heading element to display the name of the product.
- **<footer>**: Add a footer with a copyright notice at the bottom of your page.

Contact Page (contact.html) - 20 Marks:

Requirements:

- Create a contact page with HTML.
- Display contact information, such as email, phone number, and social media links. You do not need to put your personal social media profile's link. Alternatively, you can redirect the user to facebook.com or instagram.com.

Place the following elements in your HTML at these specific locations and do not change the order:

- **<header>**: This is where your website's logo and name should be placed. The logo should be placed at the left and name should be placed right after the logo.
- **<div>**: The navigation links to other pages (home.html, products.html, contact.html, and login.html) are placed directly below the header.
- **<main>**: Below the navigation bar, where the contact information should be displayed. This page must contain a message to the customers, email, phone number, and at least 2 social media links. When the user clicks on a link, they will be redirected to the social media website associated with that link.
- **<footer>**: Add a footer with a copyright notice at the bottom of your page.

Login Page (login.html) - 20 Marks:

Requirements:

- Create a login page with HTML.
- Include a form with fields for username and password.

Place the following elements in your HTML at these specific locations and do not change the order:

- **<header>**: This is where your website's logo and name should be placed. The logo should be placed at the left and name should be placed right after the logo.
- **<div>**: The navigation links to other pages (home.html, products.html, contact.html, and login.html) are placed directly below the header.
- **<main>**: Below the navigation bar, where the login form, including username, password fields, and a "Login" button, should be placed. This button will not have any functionality at this moment. Password should be masked. You also need to include a link to sign up page for new users. Do not need to create a web page for signup at this point.
- **<footer>**: Add a footer with a copyright notice at the bottom of your page.