



University  
of Windsor

School of Computer Science  
<https://cs.uwindsor.ca>

Master of Applied Computing

COMP-8347

Internet Applications and Distributed Systems

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**Marks = 3**

**Submission =**

- **For this exercise, you must work as per your lab group formed on BrightSpace. Start working on part 1 and implement as many features as you can in class.**
- **After completing the 2 parts, submit your files (html, css, images, etc.) in one .zip file on Brightspace before the due date. Only one group member should submit the files.**

## **Creating University Club website using HTML and CSS**

### **Part 1 - HTML Markup:**

Your task is to create a website for a fictional university club. This website should consist of three interconnected web pages:

#### **Home Page (index.html):**

1. Create a new HTML file named "*index.html*"
2. Define the basic structure of an HTML document, including the `<!DOCTYPE>` declaration, `<html>`, `<head>`, and `<body>` elements.
3. Inside the `<head>` section, set the title of the page to something relevant to the club or organization.
4. Add a main heading (e.g., `<h1>`) that introduces the club or organization.
5. Write a paragraph (or more) explaining the purpose and benefits of the club.
6. Include an unordered list (`<ul>`) that lists at least five key benefits or features of the club.
7. Add at least two images (`<img>`) related to the club or its activities.
8. Create a navigation menu with links to the Home, About Us, and Contact pages. Use anchor tags (`<a>`) for this purpose.
9. Save your work and repeat these steps for the About Us and Contact pages.



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### About Us Page (about.html):

1. Create a new HTML file named "*about.html*"
2. Follow the same document structure as for the Home Page.
3. Set an appropriate title for the page.
4. Add a main heading describing the club's history or mission.
5. Write paragraphs to provide detailed information about the club, its achievements, and its goals.
6. Use an ordered list (`<ol>`) to create a timeline of key events or milestones in the club's history.
7. Include images or media that illustrate the club's activities.
8. Maintain a consistent navigation menu across all pages.

### Contact Page (contact.html):

1. Create a new HTML file named "*contact.html*"
2. Set the title of the page to "Contact Us."
3. Add a main heading like "Get in Touch" or "Contact Us."
4. Create a contact form with appropriate form elements, including fields for Name, Email, Subject, and Message. Use `<form>` elements for this purpose.
5. Label each form field using the `<label>` element for accessibility.
6. Add a submit button to the form.
7. Below the form, include the club's contact information, such as an address, phone number, and email.
8. Ensure the navigation menu is consistent with the other pages.

### Part 2 - CSS Styling:

1. Create a new CSS file named "*styles.css*"
2. Link the CSS file to all three HTML pages using the `<link>` element within the `<head>` section.
3. Start by selecting the HTML elements you want to style. For example:
4. Use the body selector for overall page styling (background color, font, etc.).
5. Use specific selectors (e.g., `.menu`) for styling the navigation menu.



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6. Select headings (h1, h2, etc.), paragraphs (p), lists (ul, ol, li), and form elements (form, input, label, button) to apply appropriate styles.
7. Customize fonts, colors, margins, and padding for each selected element.
8. Create a visually appealing layout, ensuring a balanced design with proper spacing and alignment.
9. Implement hover effects for links using the :hover pseudo-class.
10. Apply CSS rules to style the contact form, making it user-friendly and visually appealing.
11. Test your website in different web browsers to ensure the CSS styles are consistent and functional.

**Grading Criteria: your website will be evaluated based on:**

- Correct usage of HTML elements and attributes.
- Proper organization and structure of HTML code.
- Effective use of CSS for styling and layout.
- Consistency in design across pages.
- Functionality of the contact form (it doesn't need to send actual emails, but it should appear functional).
- Overall visual appeal and user-friendliness.

**Additional Tips:**

- Use online resources (e.g., W3Schools, MDN Web Docs) for reference and learning.
- Validate their HTML using online validators like the W3C Markup Validation Service.