

**The Hong Kong Polytechnic University
Hong Kong Community College**

SEHH1016 Introduction to Internet Technology

Group Project (Semester Three, 2024/25)

Overview

This project aims to develop your understanding of fundamental HTML by designing and implementing a basic web-based solution that addresses a real-world problem. Through this project, you will gain hands-on experience in structuring web pages, designing interactive HTML forms, and organizing content using semantic HTML elements.

You will work in collaborative teams to go through the entire development process, including problem identification, planning, content structuring, implementation, testing, and presentation. By focusing exclusively on HTML without CSS or JavaScript, you will strengthen your core web development skills and understand the importance of well-structured, accessible, and user-friendly web pages.

Objectives

- ❖ **Technical Skills:** Learn proper use of HTML tags, form elements, hyperlinks, and semantic structure.
 - ❖ **Analytical Skills:** Identify a real-world problem and design a solution.
 - ❖ **Teamwork:** Collaborate effectively by dividing tasks, engaging in peer reviews, and managing project milestones.
 - ❖ **Communication:** Develop and present a clear, concise project report and deliver an oral presentation.
 - ❖ **Project Management:** Organize workflow and meet deadlines.
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Project Theme & Selection

Task:

Select a real-world problem and design a simple HTML-based system.

Example Topics:

- ❖ Student Feedback & Enrollment Form (e.g., for course selection)

- ❖ Online Appointment Booking System (e.g., for doctor visits or office hours)
- ❖ Event Registration Website (e.g., for a university workshop)
- ❖ Library Book Request Form (e.g., for borrowing books)
- ❖ Basic Job Application Portal (e.g., for internships or part-time jobs)

#0 Proposal (1 Page): Submit before **9 July 2025, 19:30 (Wednesday)**

- ❖ **Problem Statement:** Define the issue your website addresses.
- ❖ **Target Users:** Identify the intended audience.
- ❖ **Core Features:** List the planned HTML pages and form elements.
- ❖ **Team Roles:** Assign responsibilities (e.g., form design, content writing). Highlight the Group Leader.

Project Development Stages

Stage 1: Planning & Design

- ❖ **Site Structure:** Create a diagram showing webpage relationships.
- ❖ **Page Content:** Define text descriptions for each HTML page.
- ❖ **Form Fields:** List input types, buttons, and overall structure.

Stage 2: HTML Implementation

- ❖ **Web Pages (Minimum 3-5 Pages):**
 - **Homepage (index.html):** Introduction to the system.
 - **Form Page:** Interactive HTML form with various input elements (text fields, radio buttons, checkboxes, dropdowns, etc.).
 - **Submission Confirmation Page:** A simple “Thank You” page.
 - **Optional:** Additional pages such as instructions, FAQs, or contact information.
- ❖ **Navigation:**
Use hyperlinks to connect pages.

Stage 3: Testing & Debugging

- ❖ **Form Functionality:** Verify that all input fields and submit buttons work.
- ❖ **Navigation:** Ensure logical links and complete navigation.
- ❖ **HTML Validation:** Check for errors and missing elements.

Stage 4: Documentation & Presentation

❖ Project Report (3-5 Pages):

- Project Overview (problem statement, solution explanation).
- Site Structure & HTML Summary (include screenshots and explanations).
- Challenges Faced & Lessons Learned.

❖ Oral Presentation (10 Minutes): Demonstrate your website and discuss the development process.

Submission Requirements

Each group must submit:

- ❖ **#1 Project Folder:** Zip all website files (including HTML, graphic, etc.) into one compressed file. *Filename Format:* LectureClass_GroupLeaderName.zip (e.g., B03_ChunTaiMan.zip)
- ❖ **#2 Project Report:** Submit in .docx format (3-5 pages).
- ❖ **#3 Peer Evaluation:** Each team member must complete an online Peer Evaluation Form.

Note: A timestamp will be recorded when submitting via Blackboard. Late submissions incur a penalty of 5% per calendar day (including weekends and holidays).

Marking Criteria (Total: 100%)

<u>Component</u>	<u>Weight</u>
HTML Coding (Structure & Forms)	50%
- Correct HTML tag usage	20%
- Logical page structure & navigation	15%
- Proper form design & functionality	15%
Oral Presentation	30%
- Clarity & content explanation	15%
- Team collaboration & Q&A handling	15%
Project Documentation	20%
- Well-structured report	10%
- Completeness & clarity	10%

Additional Marking Considerations:

- ❖ Homepage must be named "index.html".
 - ❖ Only use a basic text editor (e.g., Notepad/Notepad++).
 - ❖ Use only the HTML code learned in tutorials; do not include scripts.
 - ❖ Content quality, design, proper use of graphics, tables, and hyperlinks are part of the evaluation.
 - ❖ Plagiarism will be penalized; all references must be cited.
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Group and Submission Guidelines

1. Group Formation:

- ❖ Form a group of 5 or 6 members from the same lecture class.
- ❖ At the top of each HTML file, include comments with:
 - Subject: SEHH1016 Introduction to Internet Technology.
 - Student names (as per attendance), student numbers, and class/tutorial group.
 - Clearly highlight the Group Leader (e.g., using ***).

2. Submission:

- ❖ Submit the #1 zipped Project Folder and #2 Project Report via Blackboard.
- ❖ Complete the #3 online Peer Evaluation Form individually.
- ❖ **Deadline: 19 July 2025 - 19:30 (Saturday).** *Late submissions (email or other means) will not be accepted.*

3. Oral Presentation:

- ❖ Present your project during **Weeks 11 and 12** (schedule will be announced in Week 10).

Additional Notes

- ❖ Each group member should contribute to **coding, documentation and presentation.**
- ❖ Groups are encouraged to **test their forms thoroughly** before submission.
- ❖ The presentation should include **a demonstration** of the HTML website.