

Assignment 1:

Personal Portfolio + Blog or Company Landing Page (HTML & CSS)

ITEC 3020 - SUMMER

You can work individually or in pairs for this assignment. In case you work in pairs, only one member should submit the assignment (and include the names of the members of the group).

Objective:

Build a fully responsive, multi-page website using **HTML and CSS** (you may use frameworks like **Bootstrap**), showcasing your ability to structure and style content professionally. You will choose one of two options:

- **Option A:** A personal **portfolio website with a blog**
- **Option B:** A **landing page for a small company** introducing its products, services, and news

Choosing a Project Type:

- If you are **working alone**, you should complete **Option A** (Portfolio + Blog).
- If you are **working in a pair**, you should complete **Option B** (Company Landing Page), as it involves a broader content scope suitable for collaboration.
- **Both options** will require the same technical skills and cover similar components.

Shared Requirements (Applies to Both Options)

Required Pages:

1. **Home Page:**
 - **Option A:** Brief personal introduction with a welcoming message and photo(s).
 - **Option B:** Company welcome message, tagline, and overview with brand visuals.

2. About Page:

- **Option A:** A biography, education, skills, and interests.
- **Option B:** Company background, mission, team/people, and values.
- Use lists (unordered or ordered) to organize information clearly.

3. Resume / Services Page:

- **Option A:** Embed your resume (PDF or iframe) + download button.
- **Option B:** List the company's services or key offerings with icons or brief descriptions.

4. Projects or Products Page:

- A gallery or grid layout showcasing:
 - **Option A:** Your past projects, with images, descriptions, and links to live demos or repos.
 - **Option B:** Products or case studies with images, descriptions, and call-to-action buttons.

5. Blog or News Page:

- For both options: A placeholder or layout template for blog/news posts.
(The blog/news content will be added in **Assignment 2**.)

6. Contact Page:

- A contact form (name, email, subject, message)
- Social media links with icons (LinkedIn, GitHub, Instagram, etc.)

Important Elements, Sections, Components, and Things to Look Out For:

1. HTML Elements:

- **Footer:** Your website should have a consistent footer appearing on all pages, including copyright information and any additional links or information that needs to be repeated.
- **Navigation:** Your documents should have a meaningful linking system to navigate between pages.
- **Form Inputs:** A contact form implemented by you including at least three different input types (e.g., text, email, textarea).
- **Other elements:** You need to make use of a variety of html elements, like paragraphs, links, buttons, divs, lists, form inputs, images, etc.

2. Custom Design:

- While you are allowed to use frameworks like Tailwind and Bootstrap, you are required to create some custom designs or make alterations to Bootstrap components to meet your needs. This is your chance to explore the possibilities with CSS while creating something that can be used later as a showcase of your skills and portfolio.

3. CSS Levels:

- Your code needs to make meaningful use of CSS in all three levels (inline, internal, and external). Styles that are common across pages should be saved in an external CSS document, while local changes should be applied either at the document level or inline.

4. Structure:

- Your code needs to be well-structured, well-documented, and readable. Follow the necessary structures of HTML and CSS files with comments where necessary.
- Use various HTML elements to create a hierarchy of elements in your documents. Ensure your code is perfectly indented.
- The visual structure and overall organization of your web pages are important. Maintain consistency in color and structure to build your brand. Ensure meaningful alignments between different items and effectively use CSS columns.

Publish on GitHub:

- Follow the links shared on eClass (Week 4) to publish your website on GitHub Pages. To easily publish on GitHub (or other hosting services), name your main file as `index.html`.
- You can choose to use other version control software or Git websites and publish your website on a domain and server of your choice, as long as you can provide the submission requirements.
- **Your commit history will be reviewed as part of the grading.** Regular, meaningful commits demonstrate good version control practices and will positively impact your grade.

Submission: Submit a zip file including:

1. All your HTML and CSS documents.
2. A PDF document with the following information:
 - Your name(s) and student number(s).
 - A link to your GitHub (or other Git) repository.
 - A link to your published website.