

# Assignment 1: Personal Portfolio and Blog Layout (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:** Create a comprehensive personal portfolio website that includes a blog section. This assignment focuses on building the structure and styling using HTML and CSS (with frameworks like Bootstrap).

**Description:** You are required to create a personal portfolio website that includes sections for an introduction, about me, projects, blog, and contact information. The site should be fully responsive and visually appealing, showcasing your work through images and text.

## Pages Required:

### 1. Home Page:

- **Introduction:** A brief introduction about yourself, including a welcoming message and picture(s).

### 2. About Me Page:

- **Biography:** A detailed biography including your education, skills, and interests. Use lists (unordered or ordered) to present your skills and other relevant information.
- **Resume:**
  - Embed your resume directly in the page (e.g., using an `<iframe>` or an embeddable PDF viewer).
  - Provide a button to download the resume as a PDF.

### 3. Projects Page:

- A gallery or list of your projects with images, descriptions, and links to live demos, repositories, or pages with further explanations and pictures.

#### 4. **Blog Page:**

- **Note:** The specification of the Blog Page will be completed in Assignment 2.

#### 5. **Contact Page:**

- **Contact Form:** A form with fields for name, email, subject, and message.
- **Social Media Links:** Icons linking to your social media profiles.

### **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, etc.

#### 2. **Custom Design:**

- While you are allowed to use frameworks like 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.

**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.