IT0043L Laboratory Activity 1 - Finals

# Title: Building a Basic Website with Homepage, Design Elements, and Microinteractions

## Objectives

- Create a functional homepage using HTML.

- Apply CSS to structure visual hierarchy and page design.

- Incorporate basic microinteractions.

- Organize content meaningfully and accessibly.

## Instructions

### Step 1: Project Setup

1. Create a folder named MyWebsite.

2. Inside the folder, create the following files:

- index.html (homepage)

- style.css (external CSS)

- script.js – *to follow (Lab Activity 2)*

### Step 2: HTML Structure (index.html)

<!DOCTYPE html>  
<html lang="en">  
<head>  
 <meta charset="UTF-8">  
 <title>My Personal Website</title>  
 <link rel="stylesheet" href="style.css">  
</head>  
<body>  
 <header>  
 <h1>Welcome to My Website</h1>  
 <nav>  
 <a href="#">Home</a>  
 <a href="#">About</a>  
 <a href="#">Contact</a>  
 </nav>  
 </header>  
  
 <main>  
 <section>  
 <h2>About Me</h2>  
 <p>This is where you write a short bio or introduction.</p>  
 </section>  
  
 <section>  
 <h2>My Projects</h2>  
 <ul>  
 <li>Project A</li>  
 <li>Project B</li>  
 <li>Project C</li>  
 </ul>  
 </section>  
 </main>  
  
 <footer>  
 <p>© 2025 My Website</p>  
 </footer>  
  
 <script src="script.js"></script>  
</body>  
</html>

Note: Project A, B, C = web page, website you design (portfolio) - links

### Step 3: CSS Styling (style.css)

### Step 4: Add Microinteractions

1: Hover Effects

2: button click feedback

3: Form input validation

4: etc.

### Step 5: Additional

1: Contact form/ Form – another page

2: Use Google Fonts for typography

## Evaluation Rubric (20 points total)

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| --- | --- |
| **Criteria** | **Points Lab 1 Lab 2 Lab 3** |
| **HTML Structure** (semantic, responsive tags) | 20 |
| **Visual Hierarchy** (headers, spacing, layout ex. Z-style, texture) | 20 |
| **CSS Styling & Consistency** (box, grid, cards, background, typography) | 20 |
| **Microinteraction Implementation** | 20 |
| **Content Completeness & Usability** (Home page, side page, some graphics, ) | 20 |