

# King Abdulaziz University

Faculty of Computing & Information Technology
Information Technology Department

Course: CPIT-405 (Internet Applications)

Semester: Fall 2025

Assignment 1:

Personal Website Using HTML & CSS

Submission Deadline: 13-10-2025

## **Objective**

This project aims to enhance your understanding of HTML and CSS by building a structured personal website. You will apply fundamental concepts of HTML for structuring content and CSS for styling to create a professional and responsive website.

Demo: https://ahmadjtayeb.github.io/cpit405-2025-spring-assignments-1/

## **Project Overview**

You are required to create a **personal website** with the following pages:

- 1. **Home Page (index.html)** Contains an introduction about yourself, your education, and your skills.
- 2. Class Schedule Page (schedule.html) Displays your actual class schedule in a tabular format with rowspan and colspan. Additionally, include a "Courses I Took" section listing at least four courses you have completed, such as CPIT 405 (Internet Applications), CPIT 305 (Advanced Programming), ... etc.
- 3. Contact Page (contact.html) Includes a contact form for visitors to reach you.

All pages should have a **consistent navigation bar** linking to each section of the website.

All pages must use a **background image** instead of solid colors.

### **Project Requirements**

#### **General Requirements**

- Use **HTML5** and **CSS3** to develop the website.
- Ensure a responsive and visually appealing design.
- Use a CSS external stylesheet (style.css) for styling.
- Implement a grid or flexbox layout to structure content.
- All pages should have a **background image** instead of a solid color.
  - You can find many background images for free at: https://www.toptal.com/designers/subtlepatterns/tag/light
- The **profile image** should be positioned on the **left navigation bar** on all pages.

#### **Page-Specific Requirements**

#### 1. CV Page (index.html)

- Display your name and title.
- Include a section "About Me" with a brief bio.
- Use **CSS pseudo-elements** in the "About Me" section. such as using ::first-letter to style the first letter of a paragraph or ::before and ::after to add decorative elements.
- Add a **fragment link (<a href="#section"> ... )** to navigate within the page. This link should have a different styling than other links.
- Remove underline decoration from all links using CSS.
- Use **URI schemes** for email (mailto:) and telephone (tel:) links.

- Include **social media icons** (X and LinkedIn) with links to your profiles. The links should open in a **new window**.
- Add a hover effect on the social media icons.
- The **profile image** should be positioned on the **left navigation bar**.

#### 2. Class Schedule Page (schedule.html)

- Include your actual class schedule using a table with rowspan and colspan.
- Ensure the table includes columns: **Day, Time, Course, Section, Instructor**.
- Add a "Courses I Took" section with another table listing at least four courses with their names.
- Make **odd rows** have a different background color.
- Use different hover effects for odd and even rows.

#### 3. Contact Page (contact.html)

- Include a **contact form** with the following fields:
  - Name (Required)
  - Email (Optional)
  - Message (Textarea with rows=10)
  - Message Type (Radio buttons: Inquiry or Complaint)
  - Submit Button
- Ensure proper form validation (use HTML5 validation where applicable).
- The form should **send requests to <a href="https://webhook.site">https://webhook.site</a>** (Visit the website, generate a unique link, and place it in the action attribute of the form).

#### **Navigation & Styling**

- Include a **header** with navigation links on every page.
- The header should be sticky, remaining visible at the top while scrolling.
- Style the navigation bar with hover effects.
- Use a grid or flexbox layout for content positioning.
- Apply a consistent color scheme and typography throughout the website.
- Add hover effects to links and buttons.
- The **footer should always be positioned at the bottom of the page**, even if the content is short.
- Ensure a **responsive design** (use percentage widths or media queries).

#### **Bonus Points (Optional Enhancements)**

You can earn additional points by incorporating the following:

• Make the profile image rounded.

• CSS animations or transitions to enhance user experience.

#### **Hint: Example of CSS Animations**

#### 1. Button Hover Animation

```
.button {
    transition: background-color 0.3s ease-in-out;
}
.button:hover {
    background-color: darkblue;
    color: white;
}
```

#### 2. Image Border Color Animation

```
.profile-pic {
    border: 3px solid transparent;
    animation: borderColorChange 3s infinite;
}

@keyframes borderColorChange {
    0% { border-color: red; }
    25% { border-color: orange; }
    50% { border-color: yellow; }
    75% { border-color: green; }
    100% { border-color: red; }
}
```

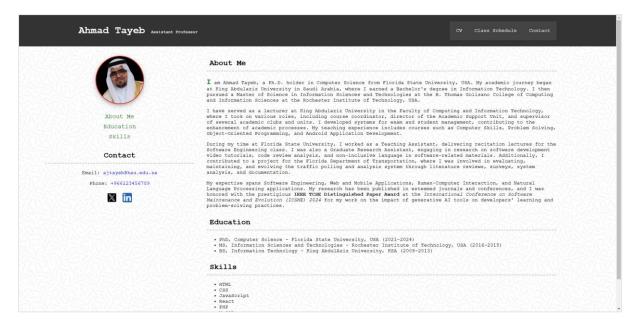
#### **Submission Guidelines**

- Upload the project to **GitHub Pages** and include the live link in the submission.
- Submit a **ZIP file** containing all project files:
  - index.html (Home Page)
  - o schedule.html (Class Schedule Page)
  - contact.html (Contact Page)
  - style.css (Stylesheet)
  - Any additional image assets (store in an "images" folder)
- Name the ZIP file as your student ID.zip (e.g., 12345678.zip).
- Upload the ZIP file to the Microsoft Teams section of the course.

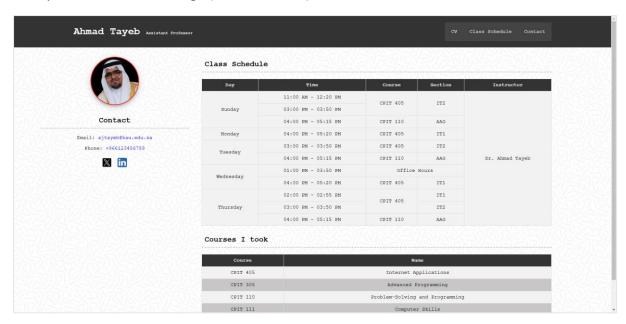
#### Demo

URL: https://ahmadjtayeb.github.io/cpit405-2025-spring-assignments-1/

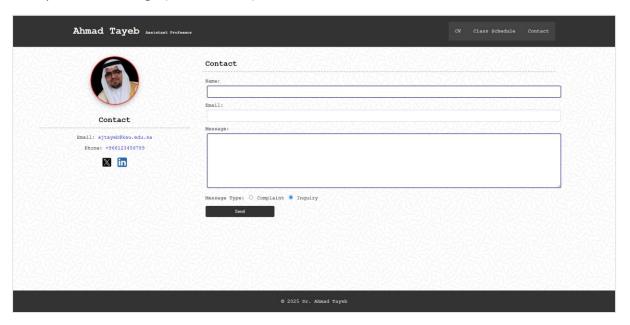
Example: CV Page (index.html)



## Example: Class Schedule Page (schedule.html)



# Example: Contact Page (contact.html)



# **Evaluation Criteria**

Your project will be evaluated based on the following criteria. Use the table below to self-assess your work.

Requirement	Points	
General Requirements (24 Points)		
1. Use HTML5 and CSS3		
<ul> <li>Proper use of semantic HTML elements</li> </ul>		
Valid CSS usage		
2. Responsive & Visually Appealing Design		
<ul> <li>Website layout adjusts to different screen sizes (e.g., via media queries or</li> </ul>		
flexible units)		
Consistent and professional look		
3. External CSS (style.css)		
<ul> <li>Most styling is applied via an external stylesheet</li> </ul>		
4. Grid or Flexbox Layout		
Uses either CSS Grid or Flexbox to structure main content		
5. Background Image		
<ul> <li>Each page has a background image (not a solid color)</li> </ul>		
6. Profile Image on Left Nav Bar		
<ul> <li>A profile photo is positioned correctly on every page's left navigation bar.</li> </ul>		
CV Page (index.html) (20 Points)		
1. "About Me" Section with Pseudo-elements		
<ul> <li>Uses ::first-letter, ::before, ::after, and/or other for styling or decorative</li> </ul>		
purposes		
2. Fragment Link		

<ul> <li>At least one link using a fragment identifier (e.g., <a href="#section"></a>) to</li> </ul>	
jump within the same page.	
3. Link Styling	
<ul> <li>All links have no underline decoration (text-decoration: none)</li> </ul>	
The fragment link is styled differently from other links	
4. Email & Telephone Links	
Uses mailto: and tel: URI schemes correctly	
5. Social Media Icons	
<ul> <li>Icons for X (Twitter) and LinkedIn</li> </ul>	
<ul> <li>Links open in a new tab/window</li> </ul>	
Hover effects are applied	
Class Schedule Page (12 Points)	
1. Class Schedule Table	
<ul> <li>Correct usage of , with rowspan and colspan where needed</li> </ul>	
2. Schedule Columns	
Table shows columns for Day, Time, Course, Section, and Instructor	
3. "Courses I Took" Table	
At least four courses listed	
Odd rows have a different background color	
Distinct hover effects for odd vs. even rows	
Contact Page (12 Points)	
1. Contact Form Fields	
Name (required), Email (optional), Message (textarea), Message Type (radio	
buttons), Submit button	
2. HTML5 Validation	
Required fields enforce input	
Uses correct input types (e.g., type="email")	
3. Form Action	
Sends requests to <a href="https://webhook.site">https://webhook.site</a> (using a unique generated URL)	
Navigation & Styling (24 Points)	
1. Sticky Header	
Header remains at the top of the page while scrolling	
2. Nav Bar Links	
Links to Home, Schedule, Contact, etc., are all present	
Hover effect on navigation links	
Consistent Color Scheme & Typography	
Maintains a unified design across all pages	
Waintains a unified design across all pages  4. Hover Effects	
Applied to links and buttons	
5. Footer at the Bottom	
Footer remains at the page bottom even if content is short	
6. Responsive Layout	
Content and layout adapt nicely to various screen sizes (e.g., use of media	
queries or percentages)	
Bonus Points (Optional) (10 Points)	1
1. Rounded Profile Image	
<ul> <li>Profile photo uses a rounded style (e.g., border-radius: 50%)</li> </ul>	

Total	/ 100
(StudentID.zip)	
<ul> <li>Contains all necessary files (HTML, CSS, images) and follows naming convention</li> </ul>	
2. ZIP File Submission	
<ul> <li>Project is hosted on GitHub Pages, live link provided</li> </ul>	
1. GitHub Pages Link	
Submission Guidelines (8 Points)	
hover animation, border color animation)	
<ul> <li>Uses transitions on buttons, links, or images to enhance user experience (e.g.,</li> </ul>	
2. CSS Animations or Transitions	

Use this table to check off each requirement as you complete your work and to guide your self-assessment.

Note: This table is attached with this document as an Excel file; please use the Excel file to check and self-grade, and upload the Excel sheet with your submission.