



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** <https://webhook.site> (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)
 - 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)

Ahmad TayebAssistant Professor

CVClass ScheduleContact



About Me

Education

Skills

Contact

Email: ajtayeb@kau.edu.sa

Phone: +966123456789



About Me

I am Ahmad Tayeb, a Ph.D. holder in Computer Science from Florida State University, USA. My academic journey began at King Abdulaziz University in Saudi Arabia, where I earned a Bachelor's degree in Information Technology. I then pursued a Master of Science in Information Sciences and Technologies at the S. Thomas Golisano College of Computing and Information Sciences at the Rochester Institute of Technology, USA.

I have served as a lecturer at King Abdulaziz University in the Faculty of Computing and Information Technology, where I took on various roles, including course coordinator, director of the Academic Support Unit, and supervisor of several academic clubs and units. I developed systems for exam and student management, contributing to the enhancement of academic processes. My teaching experience includes courses such as Computer Skills, Problem Solving, Object-Oriented Programming, and Android Application Development.

During my time at Florida State University, I worked as a Teaching Assistant, delivering recitation lectures for the Software Engineering class. I was also a Graduate Research Assistant, engaging in research on software development video tutorials, code review analysis, and non-inclusive language in software-related materials. Additionally, I contributed to a project for the Florida Department of Transportation, where I was involved in evaluating, maintaining, and evolving the traffic polling and analysis system through literature reviews, surveys, system analysis, and documentation.

My expertise spans Software Engineering, Web and Mobile Applications, Human-Computer Interaction, and Natural Language Processing applications. My research has been published in esteemed journals and conferences, and I was honored with the prestigious IEEE TCSE Distinguished Paper Award at the International Conference on Software Maintenance and Evolution (ICSME) 2024 for my work on the impact of generative AI tools on developers' learning and problem-solving practices.

Education

- PhD, Computer Science - Florida State University, USA (2021-2024)
- MS, Information Sciences and Technologies - Rochester Institute of Technology, USA (2016-2018)
- BS, Information Technology - King Abdulaziz University, KSA (2009-2013)

Skills

- HTML
- CSS
- JavaScript
- React
- PHP

Example: Class Schedule Page (schedule.html)

Ahmad TayebAssistant Professor

CVClass ScheduleContact



Contact

Email: ajtayeb@kau.edu.sa

Phone: +966123456789



Class Schedule

Day	Time	Course	Section	Instructor	
Sunday	11:00 AM - 12:20 PM	CPIT 405	IT2	Dr. Ahmad Tayeb	
	03:00 PM - 03:50 PM	CPIT 110	AAG		
	04:00 PM - 05:15 PM	CPIT 405	IT1		
Monday	04:00 PM - 05:20 PM	CPIT 405	IT2		
Tuesday	03:00 PM - 03:50 PM	CPIT 405	IT2		
	04:00 PM - 05:15 PM	CPIT 110	AAG		
Wednesday	01:00 PM - 03:50 PM	Office Hours			
	04:00 PM - 05:20 PM	CPIT 405	IT1		
	02:00 PM - 02:55 PM	CPIT 405	IT1		
Thursday	03:00 PM - 03:50 PM	CPIT 405	IT2		
	04:00 PM - 05:15 PM	CPIT 110	AAG		

Courses I took

Course	Name
CPIT 405	Internet Applications
CPIT 305	Advanced Programming
CPIT 110	Problem-Solving and Programming
CPIT 111	Computer Skills

Example: Contact Page (contact.html)

Ahmad TayebAssistant Professor

CVClass ScheduleContact



Contact

Email: ajtayeb@kau.edu.sa
Phone: +966123456789

 

Contact

Name:

Email:

Message:

Message Type: ☐ Complaint ☒ Inquiry

Send

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

At least one link using a fragment identifier (e.g., <code>...</code>) to jump within the same page.	
3. Link Styling - All links have no underline decoration (<code>text-decoration: none</code>) - The fragment link is styled differently from other links	
4. Email & Telephone Links Uses <code>mailto:</code> and <code>tel:</code> URI schemes correctly	
5. Social Media Icons - Icons for X (Twitter) and LinkedIn - Links open in a new tab/window - Hover effects are applied	
Class Schedule Page (12 Points)	
1. Class Schedule Table Correct usage of <code><table></code>, with <code>rowspan</code> and <code>colspan</code> where needed	
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., <code>type="email"</code>)	
3. Form Action Sends requests to https://webhook.site (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	
3. Consistent Color Scheme & Typography Maintains 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. Rounded Profile Image Profile photo uses a rounded style (e.g., <code>border-radius: 50%</code>)	

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

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.

<p>Be creative and good luck 😊<p>