

COMP3700: Web Application Development – Fall 2024
Project - Phase II: Website Coding using HTML & CSS
(Due: Sat 2nd Nov 2024)

A. Team Work

1. The team members are required to create a GitHub account (<https://github.com>) to improve the teamwork.
2. Each team needs to create a GitHub project and share your project in GitHub with all team members and course instructor (aalsaidi24).
3. You need to allocate tasks for each team member and provide the contribution for each team member in a tabular format.

B. Practical Part:

1. Your website should include at least FIVE static web pages as specified below.
2. The website should contain valid contents in all pages structured using paragraphs, headers, footers, lists, images, hyperlinks, forms, whenever applicable.
 - You will further improve the content and the presentation of your website in Part 3 (*Do not add any dynamic or JavaScript code at this part*).
3. Include appropriate navigation links between pages with appropriate CSS properties for all types of hyperlink events.
4. Your home page must be named **index.html** that represents the start page in your website.
5. Include an email link in your “**About us**” page.
6. Include a “**Contact Us**” form in a separate page, which send the form contents to an email account when the form is submitted.
7. **Processing forms:** you need to use at least two other forms to process user requests.
 - You need to use all types of the discussed controls with appropriate layout and format.
8. Use at least two tables to render the data in your website using cell merges and different cell, row and column format and layout such as cell spacing, cell padding, borders and colors.
9. Your website should have **uniform logo**, navigation, content, and footer content on all pages. (Hint: use external CSS sheet). Add logo in all pages
10. Use reasonable amount of images in your website depending on the targeted audience.
 - Notice the size of your website folder should not exceed 100MB. Consider the type of image files and avoid adding unnecessary images.
11. Use the THREE type of CSS.
12. Use proper fonts names and size, dimensions, and colors. Ensure clarity of the website and friendly interface environment.

13. You need to use at least **FIVE** types of CSS selectors (**total seven selectors**) and at least one from each category of CSS properties (**total seven categories**) as needed in your website.
14. You need to apply the Bootstrap CSS framework for at least three web pages (including styles for containers/grids, tables, forms, images, buttons, navigation bars/dropdown menus, tabs, and progress bars).
15. You need to publish your website in a free Web hosting site and submit the link hyperlink to your Website. **C. Report:**

1. Provide an overview about the structure of your website

- Discuss the updated sitemap in part 1 (or just indicate there is no improvement/change).
- 2. Screen-shot of all implemented pages with a brief description about each page as bulleted text.
- 3. The location, pages, sections where you used each type of CSS styles and Bootstrap layout.
- 4. Update title page and the table of content to include the new pages/contents of the report.
- 5. Hyperlink to your Website in the web-hosting site and GitHub project.
- 6. Specify a table to summarize the project tasks and the contribution for each team member **D. Submission:**

Submit the following to Moodle before the due date:

1. A compressed folder that contains all pages and their related files of your website and hyperlink to your website in a web-hosting site.
2. A **well-structured a single PDF file** (with cover page includes the title and the team members) report containing the information as specified above and the contribution table.

Grading **Table**

#	Item	Max. Points	Earned Points	Feedback
1.	Creating a GitHub account and sharing it with the team members and the course instructor.	3		
2.	At least FIVE web pages: valid paragraphs, headers, footers, different lists, images and other XHTML elements.	4		
3.	Appropriate navigation links between pages with appropriate CSS properties for all types of hyperlink events.	2		
4.	Email link “ About us ” page and “ Contact Us ” form	1		

5.	<u>Web forms</u> <ul style="list-style-type: none"> • Data sent to appropriate website • Use all types of the discussed controls with appropriate layout and format. 	4		
6.	<u>Tables:</u> render all needed data, use cell merges in different cells, rows and column format and layout such as cell spacing, cell padding, borders and colors.	3		
7.	Use <u>uniform logo</u> , navigation, content, and footer content on all pages using external CSS sheet.	1		
8.	Use the three types of CSS sheets with proper fonts names and size, dimensions, and colors, etc.	3		
9.	Use of CSS selectors (<u>Five out of seven types</u>)	3		
10.	Use all categories of CSS properties (<u>at least one property from seven categories</u>).	3.5		
11.	Bootstrap Framework - styles for containers / grids, tables, forms, buttons, images, navigation bars / dropdown menus, tabs, and progress bars	4		
12.	Publish your website in a free Web hosting site and submit the link hyperlink to your Website.	2.5		
13.	Overall quality of Website design and layout <ul style="list-style-type: none"> • Ensure clarity of the website and friendly interface. • Usage of proper elements for each content • Element locations, size and formats (fonts, color, background • Informative, complete and actual data 	3		
14.	Project report: <ul style="list-style-type: none"> • Completeness, clarity and neatness of the report • Explaining in detail how and where this is achieved in the website • Contribution table for each task and team member 	3		
Total		40	0	