SULTAN QABOOS UNIVERSITY, DEPARTMENT OF COMPUTER SCIENCE
COMP3700 –INTRODUCTION TO WEB COMPUTING – SPRING 2025
COURSE PROJECT - PART I: PROJECT PROPOSAL

<u>Due Date: Thursday 27/3/2025</u>

In the second phase of the project, you need to develop a static website using HTML, CSS, and Bootstrap framework, meeting the project requirements in phase 1. It must have at least five pages, navigation, forms, tables, and a uniform and responsive design for different types of devices. Collaboration via GitHub is required, with regular commits and tracking. The site must be deployed on both GitHub and a free hosting platform, and a detailed report covering the project overview, design choices, and team contributions must be submitted.

A. Team Collaboration

1. Team members must create a GitHub account to enhance collaboration. For more details on using GitHub for software development and teamwork, visit https://docs.github.com/en/get-started.

2. Each team needs to create a GitHub project and share your project in GitHub with all team members and course instructor (**abd-alhamdani/comp3700_SP25**).

3. The website must be uploaded to GitHub, maintaining an organized file structure. Each team member must contribute to the project and commit changes regularly in GitHub.

4. You need to allocate tasks for each team member and provide the contribution for each team member in a tabular format.

B. Website Development

1. Your website should include at least FIVE web pages in addition to the following:

   - Your home page must be named **index.html** that represents the start page in your website and contains a menu to all other XHTML pages.

   - Include an email link in your "**About us**" page with detailed information.

   - Include a "**Contact Us**" form in a separate page, which send the form contents to an email account when the form is submitted.

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. **Processing forms:** you need to use at least three other XHTML forms to process user requests according to your project's requirements.

   - You need to use all types of the discussed controls with appropriate layout and format.

   - Submit the form results to https://httpbin.org/get website.

   - In the next phases, we are going to process form results using JavaScript and PHP. 5. Use at least three 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.

6. Your website should have **uniform logo**, navigation menu, contents, and footer content on all pages. (Hint: use external CSS sheet). Add logo in all pages

7. 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.

8. Use the THREE type of CSS types.

9. Use proper font names and size, dimensions, and colors. Ensure clarity of the website and friendly interface environment.

10. You need to use **ALL** types of CSS selectors (**seven selectors**) and at least two from each category of CSS properties (**total seven categories**) as needed in your website.

11. You need to apply **Bootstrap components** on at least **three web pages**, including:
    - Grid system (containers/columns for responsive design).
    - Tables and forms with Bootstrap styling.
    - Buttons, navigation bars, dropdown menus, tabs, and progress bars.
    - Bootstrap utility classes for spacing, alignment, and text formatting.

12. You need to publish your website in a free Web hosting site and GitHub, and submit the link hyperlink to your Website. **C. Report:**

1. Provide an overview of the website's structure and purpose.
   - Discuss any updates to the sitemap/layout, or confirm if no changes were made.
2. Update the title page and table of contents to reflect new pages and content.
3. Include screenshots of all implemented pages with a brief bullet-point description of each.
4. Specify where each type of CSS styling and Bootstrap layout is applied across pages and sections.
5. Provide hyperlinks to the hosted website and GitHub repository.
6. Include a table summarizing project tasks and each team member's contributions.

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. Each team member needs to upload and update the web pages and perform commits for changes.	3		
2.	At least FIVE (+3) web pages: valid paragraphs, headers, footers, different lists, images and all 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.	**Three Web forms** • Data sent to appropriate website • Use all types of the discussed controls with appropriate layout and format.	4		
6.	**Three Tables:** 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 **uniform logo**, navigation, content, and footer content on all pages using external CSS sheet.	2		
8.	Use the three types of CSS sheets with proper font names and size, dimensions, and colors, etc.	3		
9.	Use of CSS selectors (**seven types**)	2		
10.	Use all categories of CSS properties (**at least two property from seven categories**).	3		

No.	Criteria			
11.	**Bootstrap Framework -** styles for containers / grids, tables, forms, buttons, images, navigation bars / dropdown menus, tabs, and progress bars	4		
12.	Properly publish your website in a free Web hosting site and GitHub, providing hyperlinks to your Website. Managing the team work using GitHub framework (uploads and commits)	2		
13.	**Overall quality of Website design and layout** • 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:** • Completeness, clarity and neatness of the report • Explaining in detail how and where this is achieved in the website • Screenshots for your websites and GitHub repository for your project • Contribution table for each task and team member	4		
	Total	40	0	