

Assignment Guide and Rubrics

Instructions:

1. This is an **individual** assignment. This means you cannot submit identical or very similar assignments as compared to any other student.
2. It carries a **weight of 30%** of the entire module of Web Development.
3. At the end of this assignment, you are to submit to Brightspace a zip file containing all the files used i.e. HTML / CSS / JavaScript / images / media etc.
4. There is no fixed theme for the assignment. Only caveat: no offensive themes e.g. sexual, religious bigotry, racism etc.
5. You should treat the website assignment as a portfolio to show off your skills in Web Development to a prospective employer.
6. Your website assignment should include at least the following requirements:
 - At least 3 web pages
 - At least 1 table
 - At least 1 form (with submit button, a response page to show the data entered in the form)
 - Use hyperlinks
 - Use multimedia elements (e.g. pictures, video or audio)
 - Use Cascading Style Sheets to style your website assignment
 - Has a navigation menu to navigate across all pages
7. Plagiarism will NOT be tolerated. As per school rules, submissions deemed to be a work of plagiarism will result in failure of the module. Both the user and the source of the plagiarised work will be held accountable.
8. Refer to the rubrics in Appendix A below for more details.
9. As part of progress check, you will need to prepare a proposal (in Word or PowerPoint document) consisting of the following items by **Week 7** (for tutor to review during the tutorial class):
 - Target Audience (intended users) and purpose of your website
 - Content and User Interface (UI) design of your website
 - Any innovation ideas (i.e. how different is your website from any other existing similar website, if any).
10. Deadline for submission of final deliverables in BrightSpace is **7 Aug 2022, Sunday, 2359h.**

Appendix A: Rubrics

Element	Grade A	Grade B	Grade C	Grade D	Grade F
Usage of HTML and CSS (40m)	Correct and comprehensive set of HTML5 (semantic and structure) tags used for all web content. Able to apply new tags/features researched from internet into web pages independently.	Correct and comprehensive set of HTML5 (semantic and structure) tags used for all web content. Able to apply new tags/features from internet into web pages with minimal guidance.	Correct usage of HTML (semantic and structure) tags for all web content.	Correct usage of HTML (structure) tags for most of the web content.	Poor usage of tags e.g. only use instead of <p> to structure paragraph. Usage of obsolete html code copied from internet.
	Good usage of CSS, appearance of pages looks professional with responsive layout and styling	Good usage of CSS, appearance of pages looks professional with good layout and styling	Good usage of CSS, content is well formatted with organized layout	Make use of CSS to do some formatting and simple layout	Does not know how to write CSS rules without guidance
	Can successfully make changes to web pages based on feedback given independently	Can successfully make changes to web pages based on feedback given with minimum guidance	Can successfully make some changes to web pages based on feedback given with guidance	Can suggest possible way to make changes in order to meet requirement base on feedback given with prompts and guidance	Cannot suggest possible way to make changes to web pages base on feedback given.

Usage of JavaScript and other advanced features (20m)	<p>Apply any other web technology appropriately and effectively to enhance the usability and functionality of the web application to address user's needs.</p> <p>Can explain usage of other web technology clearly and able to modify code independently to cater for feedbacks</p>	<p>Apply any other web technology appropriately to enhance the usability and functionality of the web application.</p> <p>Can explain usage of other web technology clearly and able to modify code with minimum guidance</p>	<p>Apply any other web technology successfully with at least one user defined function.</p> <p>Can explain usage of other web technology and do minimum changes with guidance when required</p>	<p>Demonstrate how to apply basic JavaScript in Web page.</p> <p>Can explain how the code works, but unable to make any changes without much guidance</p>	<p>Does not know how to insert basic JavaScript appropriately</p> <p>Cannot explain how the code works, unable to make any changes to the codes with much guidance.</p>
Content and Quality of work (20m)	<p>Content shown effectively address users' needs and of professional user interface;</p> <p>Interactive features are successfully implemented with high usability and desirability.</p> <p>All features fully functioning.</p>	<p>Content shown address users' needs and of good user interface;</p> <p>Interactive features are successfully implemented.</p> <p>At least 80% of all features are fully functioning.</p>	<p>Relevant content is available and of good readability.</p> <p>At least one interactive feature implemented is working.</p> <p>At least 60% of all features are fully functioning.</p>	<p>Relevant content is available and readable.</p> <p>No interactive features implemented.</p> <p>At least 30% of all features are fully functioning.</p>	<p>Content is not relevant with many broken links.</p> <p>No interactive features implemented.</p> <p>Less than 30% of all features are fully functioning.</p>

<p>User Interface Design (20m)</p>	<p>Navigation: have an intuitive and informative global navigation; users know the location where they are inside your website and can easily access resources available within.</p> <p>Design and Layout: consistent professional look and feel (including typography, color, icons/logo used) which intuitively express the purpose of the website; support responsive layout</p> <p>Readability: high readability (e.g. good/resizable font size and colour consideration); intuitive interaction to access features available.</p>	<p>Navigation: have an informative global navigation; users know the location where they are inside your website and can access resources available within.</p> <p>Design and Layout: consistent look and feel (including typography, color, icons/logo used) with good layout</p> <p>Readability: high readability (e.g. good font size and colour consideration); intuitive interaction to access features available.</p>	<p>Navigation: have a global navigation; users can access resources available within.</p> <p>Design and Layout: consistent look and feel (including typography, color, icons/logo used) with simple layout to categorize content</p> <p>Readability: most of the content are of good readability (e.g. good font size and colour consideration); with some interactive interaction features.</p>	<p>Navigation: have a global navigation at least can be used to access important content available in the website</p> <p>Design and Layout: content are presented with some styling; minimum layout consideration to ease reading.</p> <p>Readability: minimal styling and content are of poor readability.</p>	<p>Navigation: Do not have a global navigation.</p> <p>Design and Layout: content are presented with no consideration of readability. No layout consideration.</p> <p>Readability: Elements are presented with no styling, and with haphazard appearance.</p>
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