## 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 BlackBoard 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 consisting of the following items by **Week 8** (for tutor to review during the tutorial class):
   * Target Audience (intended users) and purpose of your website
   * Any innovation (i.e. how different is your website from any other existing similar website (if any).
   * User interface (UI) design of your website
10. Deadline for submission of final deliverables in BlackBoard is **8 Aug 2021, Sunday, 2359h**.

**Appendix A: Rubrics**

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| **Element** | **Grade A** | **Grade B** | **Grade C** | **Grade D** | **Grade F** |
| **Usage of HTML and CSS (50m)** | Correct usage of HTML5 (semantic and structure tags) for all web content.  Good usage of CSS, appearance of pages looks professional with responsive layout and styling  Can explain usage of tags and CSS clearly  Can successfully make changes to web pages based on feedback given independently | Correct usage of HTML5 (semantic and structure tags) for most of the web content.  Good usage of CSS, appearance of pages looks professional with good layout and styling  Can explain usage of tags and CSS clearly  Can successfully make changes to web pages based on feedback given with minimum guidance | Correct usage of HTML (structure tags) for all web content.  Good usage of CSS, content is well formatted with organized layout  Can explain most of the usage of tags and CSS appropriately  Can successfully make some changes to web pages based on feedback given with guidance | Correct usage of HTML (structure tags) for most of the web content.  Make use of CSS to do some formatting and simple layout  Can explain at least 50% of the tags and CSS used  Can suggest possible way to make changes in order to meet requirement base on feedback given prompts and guidance | Poor usage of tags e.g. only use <br> instead of <p> to structure paragraph. Usage of obsolete html code copied from internet.  Does not know how to write CSS rules without guidance  Can hardly tell the difference between usage of HTML and CSS |
| **Advanced features -JavaScript, HTML5 API, etc (10m)** | Apply any other web technology appropriately and effectively to enhance the usability and functionality of the web application to address user’s needs.  Can explain usage of other web technology clearly and able to modify code independently to cater for feedbacks | Apply any other web technology appropriately to enhance the usability and functionality of the web application.  Can explain usage of other web technology clearly and able to modify code with minimum guidance | Apply any other web technology successfully with at least one user defined function.    Can explain usage of other web technology and do minimum changes with guidance when required | Demonstrate how to apply basic JavaScript in Web page.  Can explain how the code works, but unable to make any changes without much guidance | Does not know how to insert basic JavaScript appropriately |
| **Resourceful-ness (10m)** | Make effort to look for online resources to help in solving technical challenge; able to explain and modify code independently, and apply appropriately to enhance functionality to meet user’s needs | Make effort to look for online resources to help in solving technical challenge; able to explain and apply it appropriately with minimum guidance | Make some effort to look for online resources to help in solving technical challenge; can explain code or information gathered but need much guidance to apply it | Make some effort to look for online resources to help in solving technical challenge; may not fully understand and unable to apply it | Not making any effort to solve technical difficulties encounter |
| **Completeness and Quality of work (15m)** | Content shown effectively address users’ needs and of professional user interface;    Interactive features are successfully implemented with high usability and desirability.  All features fully functioning. | Content shown address users’ needs and of good user interface;  Interactive features are successfully implemented.  At least 80% of all features are fully functioning. | Relevant content is available and of good readability.  At least one interactive feature implemented is working.  At least 60% of all features are fully functioning. | Relevant content is available and readable.  At least 30% of all features are fully functioning. | Content is not relevant with many broken links.  Less than 30% of all features are fully functioning. |
| **Usability (15m)** | **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.  **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  **Readability:** high readability (e.g. good/resizable font size and colour consideration); intuitive interaction to access features available | **Navigation**: have an informative global navigation; users know the location where they are inside your website and can access resources available within.  **Design and Layout:** consistent look and feel (including typography, color, icons/logo used) with good layout  **Readability:** high readability (e.g. good font size and colour consideration); intuitive interaction to access features available | **Navigation**: have a global navigation; users can access resources available within.  **Design and Layout:** consistent look and feel (including typography, color, icons/logo used) with simple layout to categorize content  **Readability:** most of the content are of good readability (e.g. good font size and colour consideration); with some interactive interaction features. | **Navigation**: have a global navigation at least can be used to access important content available in the website  **Design and Layout:** content are presented with some styling;  minimum layout consideration to ease reading. | **Navigation**: Do not have a global navigation.  **Design and Layout:** content are presented with no consideration of readability. No layout consideration. |