**HTML Web Programming Assignment**

**Purpose**:

This assignment gently introduces the student to designing and writing webpages using HTML code and Cascaded Style Sheets. Students are to develop a basic website, which provides information in clear way and links to other pages and websites. Students are to include appropriate images, lists and tables on their pages and CSS functionality.

**Guidelines**:

* You are to develop a simple website (minimum of 5 pages) with a topic of your own choice with a certain website content relevant to the selected topic in each webpage.
* You are to demonstrate your understanding of the correct use of HTML tags.
* You are to show your understanding of good web design principles, such as clear hierarchy, easy navigation, clear presentation of information.
* You are to demonstrate your knowledge of using numbered and unnumbered lists, tables, and the inclusion of appropriate graphics or image content.
* You are to demonstrate the appropriate use of CSS functionality in the design of your webpages.

For more details, please refer to the following files:

1. IIT-Assignment 1 - Stage 1
2. IIT-Assignment 1 - Stage 2 3- IIT-Assignment 1 - Stage 3

Note that the case studies are mean to be used as a GUIDANCE ONLY. You don’t necessarily need to follow the process step-by-step given in them. Your work will be marked based on the marking rubric provided and not on how close your website is to the case studies.

Further help will be provided during lectures and tutorials. This assignment has 100 marks and contributes 20% of the final weighting of this unit.

**To be able to pass the unit, you must achieve a minimum 50% of combined marks from the two assignments (HTML Web Programming Assignment and Programming Assignment), as described in section 5b of your unit outline**

**Important notes (please read carefully):**

* 1. **Please make sure to completely read the three files from the guidelines section before you start your assignment**.
  2. If you want to apply for assignment extension you need to follow the instructions in the attached document (**Assignment Extension Form\_2021.docx**). The extension will be approved only when it is accompanied with the required supporting documentation.
  3. If you want to get the bonus marks, fill, and submit the file (**Mark Your Assignment and Include Sources**).
  4. It is **totally unacceptable to copy and paste** the content of your website from somewhere else, you need to reference the source of your information (either text or images). If there’s no referencing provided, it will be considered as a plagiarism case.
  5. To avoid plagiarism, you can check the similarity of your assignment before the final submission by using (**URKUND - Student Text-matching Checker**). You can find it under: **Assignments >> Undated assignments >> URKUND - Student Textmatching Checker**.
  6. Regarding the **wireframe and sitemap**, there are examples in the assignment document (IIT-Assignment 1 - Stage 1) page 4.
  7. Regarding the **referencing**, you can get help from Study Help by joining the online drop-in sessions as follows:

The left menu of your Canvas site >> Help>> Study Help>> Study Skills Services

>> Drop-in Study Help <https://uclearn.canberra.edu.au/courses/501/pages/drop-in-study-help>Or, Canvas site >> Help>> Study Help>> Study Skills Services >> Referencing Help

<https://uclearn.canberra.edu.au/courses/501/pages/referencing-drop-in>

**Assessment criteria:**

Please refer to marking rubric below:

|  |  |
| --- | --- |
| Elements of HTML design | Marks |
|  |
| Headings | **2** |
| Paragraph | **2** |
| Line Break | **2** |
| Blockquote | **2** |
| Ordered List | **2** |
| Unordered List | **2** |
| Description List | **2** |
| Special Characters | **2** |
| Structural Elements | **3** |
| Anchor Element | **2** |
| email Hyperlinks | **2** |
| Total 1 | 23 |
|  |  |
| Styling with CSS | Marks |
| At least one inline CSS call is used. | **3** |
| At least one CSS embedded style is used. | **3** |
| At least one external CSS file is implemented | **3** |
| Background-colour property is used | **2** |
| Font family and colour properties are used. | **2** |
| Font size and weight properties are used. | **2** |
| Line height property is used. | **2** |
| Margin property is used. | **2** |
| Text-Align and decoration properties used. | **2** |
| At least one class is implemented | **2** |
| At least one Span element is included. | **2** |
| At least one centering instruction is included | **2** |
| Total 2 | 27 |
|  | |
| Website Completion | Marks |
| This criterion is linked to a learning outcome Layout and structure |  |
| Is the information on the pages easy to find? Does the layout support the viewing of the pages? Does the student use a suitable colour scheme to produce a highly readable site? | **5** |
| This criterion is linked to a learning outcome Navigation |  |
| Is it easy to get from one page to another? Are links (anchor elements) going forwards and backwards? Are all links (both to other pages on the site and external links) working? | **5** |
| This criterion is linked to a learning outcome Content |  |
| Has the student created the minimum number of webpages (five pages)? Has the student got a sufficient amount of content (minimum 50 topic-related words) on each page? Has the student used their own words in the content or copied it from somewhere? If copied, less than 10%? Referenced properly in code and on the HTML page? | **5** |
| This criterion is linked to a learning outcome Code |  |
| Is the code clearly structured (head, body)? Has the student used empty lines to separate blocks of code? Has the student used different levels of indentation in the code? Did the student use comments in the code? | **5** |
| This criterion is linked to a learning outcome Image / graphics files |  |
| Minimum of two images / graphics files on separate pages. What size is the image displayed at? Does the actual image resolution lend itself to be put on a webpage? | **5** |
| This criterion is linked to a learning outcome Table |  |
| Minimum of one table with at least three rows and three columns. Has the student chosen a suitable table layout? | **5** |
| This criterion is linked to a learning outcome Metadata |  |
| Has the student added metadata to each page? Has the student followed the Dublin Core recommendations? Has the student added at least five Metadata tags to each page? | **5** |
| Total 3 | 35 |
| Site Admin | Marks |
| HTML and CSS Validation (all pages have been validated and the errors corrected). | **5** |
| Site Map and wireframe (s) were included. | **5** |
| References were included in a Word document (either APA or Harvard styles used) | **5** |
| Total 4 | 15 |
| Final Mark |  |
| **Grand Total** | 100 |