ECS417U Project Phase 2 Documentation

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| **Assessment Criteria 7**  Each time a new entry is added, the most recent post appears on top, followed by the next most recent post using a PHP-driven technique (writing a sorting algorithm) instead of a SQL Query. | |
| Instruction: use this column to paste the code from the files that have been used to develop this functionality.  **Paste the code directly from visual studio code, do not include a screenshot of the code as this document has a Turnitin requirement and this will lead to an automatic mark of zero. See example below.** | Instruction: use this column to address the following in your own words:   1. Describe the steps you took to develop this feature (including the prompts). 2. Describe how the sorting algorithm works.   Give reference to the code you have written when answering the questions above.  You can use diagrams (e.g. flow charts) or screenshots of your webpage output to illustrate your answer. |
| Filename: test.php  <!DOCTYPE html>  <html lang="en">  <head>  <meta charset="UTF-8">  <meta http-equiv="X-UA-Compatible" content="IE=edge">  <meta name="viewport" content="width=device-width, initial-scale=1.0">  <title>Test</title>  </head>  <body>  <h1>My first PHP page</h1>  <?php  echo "Hello World!";  ?>  </body>  </html>  Filename: test1.php  <!DOCTYPE html>  <html lang="en">  <head>  <meta charset="UTF-8">  <meta http-equiv="X-UA-Compatible" content="IE=edge">  <meta name="viewport" content="width=device-width, initial-scale=1.0">  <title>Test</title>  </head>  <body>  <h1>My first PHP page</h1>  <?php  echo "Hello World!";  ?>  </body>  </html> |  |

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| **Assessment Criteria 8 - Extra Feature 1**  (Note: delete any of the two features below)   * Organise your blog entries into different months. Provide a drop-down menu for the blog viewers to view the entries of different months stored in an entry archive. * Allow blog viewers to log in and add comments to the entries. You, as the administrator of the blog should be able to delete entries or comments. * Add a “preview” button in addpost. When this button is clicked, the new entry is previewed, and you can then decide (via a set of navigational links) whether to upload the entry or go back to edit it. | |
| Instruction: use this column to paste the code from the files that have been used to develop this functionality.  **Paste the code directly from visual studio code, do not include a screenshot of the code as this document has a Turnitin requirement and this will lead to an automatic mark of zero. See example below.** | Instruction: use this column to address the following in your own words:   1. How did you develop this feature? Describe the steps involved. 2. Describe the inner workings of the approach you developed.   Give reference to the code you have written when answering the questions above.  You can use diagrams (e.g. flow charts) or screenshots of your webpage output to illustrate your answer. |
| Filename: test.php  <!DOCTYPE html>  <html lang="en">  <head>  <meta charset="UTF-8">  <meta http-equiv="X-UA-Compatible" content="IE=edge">  <meta name="viewport" content="width=device-width, initial-scale=1.0">  <title>Test</title>  </head>  <body>  <h1>My first PHP page</h1>  <?php  echo "Hello World!";  ?>  </body>  </html>  Filename: test1.php  <!DOCTYPE html>  <html lang="en">  <head>  <meta charset="UTF-8">  <meta http-equiv="X-UA-Compatible" content="IE=edge">  <meta name="viewport" content="width=device-width, initial-scale=1.0">  <title>Test</title>  </head>  <body>  <h1>My first PHP page</h1>  <?php  echo "Hello World!";  ?>  </body>  </html> |  |

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| **Assessment Criteria 8 - Extra Feature 2**  (Note: delete any of the two features below)   * Organise your blog entries into different months. Provide a drop-down menu for the blog viewers to view the entries of different months stored in an entry archive. * Allow blog viewers to log in and add comments to the entries. You, as the administrator of the blog should be able to delete entries or comments. * Add a “preview” button in addpost. When this button is clicked, the new entry is previewed, and you can then decide (via a set of navigational links) whether to upload the entry or go back to edit it. | |
| Instruction: use this column to paste the code from the files that have been used to develop this functionality.  **Paste the code directly from visual studio code, do not include a screenshot of the code as this document has a Turnitin requirement and this will lead to an automatic mark of zero. See example below.** | Instruction: use this column to address the following in your own words:   1. How did you develop this feature? Describe the steps involved. 2. Describe the inner workings of the approach you developed.   Did you use any Generative AI tools to achieve this? If yes, can you provide the prompts you wrote to achieve this?  Give reference to the code you have written when answering the questions above.  You can use diagrams (e.g. flow charts) or screenshots of your webpage output to illustrate your answer. |
| Filename: test.php  <!DOCTYPE html>  <html lang="en">  <head>  <meta charset="UTF-8">  <meta http-equiv="X-UA-Compatible" content="IE=edge">  <meta name="viewport" content="width=device-width, initial-scale=1.0">  <title>Test</title>  </head>  <body>  <h1>My first PHP page</h1>  <?php  echo "Hello World!";  ?>  </body>  </html>  Filename: test1.php  <!DOCTYPE html>  <html lang="en">  <head>  <meta charset="UTF-8">  <meta http-equiv="X-UA-Compatible" content="IE=edge">  <meta name="viewport" content="width=device-width, initial-scale=1.0">  <title>Test</title>  </head>  <body>  <h1>My first PHP page</h1>  <?php  echo "Hello World!";  ?>  </body>  </html> |  |

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| **Assessment Criteria 14 and 15 - Identification of semantic HTML5 elements and importance of semantic markup**  What semantic HTML5 elements have been used within your portfolio site?  Why is semantic markup important?  You will need to provide examples related to your project to illustrate your answer. (max. 250 words) |
| **Semantic markup is important for the content of your html rather than the visual structure/ style. It defines the meaning of the content placed within the elements. It also makes the markup language much more readable by humans, as it should be.**  **One semantic element I used was “header”. It is used to demonstrate the top of the page, like a banner, such as the title and navigation. Navigation, included within header, is also a semantic element “nav”. It holds all the links to other pages to navigate through the portfolio. Like the header, “footer” is another semantic element which represents the bottom of the page content. This could be anything to do with contacting for support, going to the home page, the copyright license and more.** |

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| **Assessment Criteria 16 - Content organisation**  Explain your portfolio site's structure and navigation.  Justify the arrangement of the content and how it enhances user experience.  You should also include a site navigation diagram. |
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| **Assessment Criteria 17 and 18 – Design concept and rationale**  Describe the website design, including the theme and colour scheme.  What CSS style rules did you write to achieve this?  Did you use any Generative AI tools to achieve this? If yes, can you provide the prompts you wrote to achieve this?  Finally, provide a rationale behind the chosen design and how it reflects your personal brand. |
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| **Assessment Criteria 19 - Web technologies/framework**  For this project, you have made use of HTML, CSS, JavaScript and PHP. If you were to conduct this project again, which other web technologies/frameworks would you use to develop your portfolio site? Justify your choice. (max. 250 words) |
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