**Exeter College BTEC Assignment Brief 2024-25**

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| Course Title | Pearson BTEC Level 3 National Foundation Diploma in Information Technology |  |
| Unit Number & Title | 6: Website Development |
| Assignment No. & Title | Assignment 2 / 2: Design and develop a website |
| Assessor | Paul Hunter |
| Learner Name |  |
| Issue date | October 16th 2024 |
| Hand in date | November 6th 2024 |
| Note: The hand-in date for all tasks must be the same. Failure to meet the hand in date will result in disciplinary proceedings. | |
| Scenario/Vocational Context | | |
| You have recently joined a web development company, “Webexe” as a junior web developer. You have been asked as part of your induction and training to create a new section for the company’s web site which promotes the company to prospective employees, as they need to recruit more web developers. The company wants you to include the following things:   * A profile of the company itself * profiles of existing trainee web developers * job specifications and required qualifications * an on-line application form * links to web development courses   The target audience for the site is people who have completed training courses or qualifications related to web development and are now looking for a job as a web developer. | | |
| Learning Outcomes (QCF) / Aims (NQF) | | |
| **B:** Design a website to meet client requirements  **C:** Develop a website to meet client requirements | | |
| Criteria covered by this assignment | | |
| |  |  | | --- | --- | | 6/BC.D2 | Evaluate the design and optimised website against client requirements. | | 6/BC.D3 | Demonstrate individual responsibility, creativity and effective self-management in the design, development and review of a website. | | 6/B.M2 | Justify the design decisions, explaining how they will meet the user's  needs and be fit for purpose. | | 6/C.M3 | Optimise a website to meet client requirements. | | 6/B.P2 | Produce designs for a website that meet client requirements. | | 6/B.P3 | Review the website design proposals with others to identify and inform  improvements. | | 6/C.P4 | Produce a website for an intended audience and purpose. | | 6/C.P5 | Test the website for functionality, compatibility and usability. | | 6/C.P6 | Review the extent to which the website meets client requirements. | | | |

Assignment Tasks

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| Assignment Task(s)  If more than one task, please extend brief by adding more lines. | |
| Create and evaluate comprehensive designs for the web site which include:   * identification of user requirements * visual designs for the pages * alternative design options * technical documentation   Produce a justification of the design decisions you made, explaining how it will meet the user needs and be fit for purpose. Develop the web site and test it for functionality, compatibility (with different devices and browsers) and usability (including user testing), using appropriate test plans, test schedules (Gannt chart) and data. You should collect results and feedback and show that you have responded to any problem or errors identified.  Optimise the web site, using the results of testing and user feedback and record the details of the changes you have made so that ‘before’ and ‘after’ versions of the web site can be seen.  Write an evaluation of the design, development and optimisation of the web site. You should provide a detailed and balanced evaluation of how effectively your completed website meets the client requirements, including appealing to the target audience and meeting its stated purpose, in comparison to alternative solutions. Your evaluation should be supported by evidence from all stages of the project to reach conclusions and suggest developments. The evaluation must contain a systematic and accurate review of your own skills, performance and behaviours and the impact that this had on the development of the final website.  Present evidence that you have shown individual responsibility, effective time-management (gantt chart) in your design and development of the web site making high-quality justified recommendations and decisions. This should include a task plan for completing the assignment and a witness testimony from your tutor.  For example, you need to show how you have:   * Planned and managed your time and met targets. * Reviewed and responded to outcomes including the use of feedback from others * Behaved appropriately while completing the assignment – including professionalism, etiquette, supportive of others, timely and appropriate leadership, accountability and individual responsibility * Evaluated outcomes to help inform high-quality justified recommendations and decisions * Used appropriate methods of communication effectively | |
| Criteria covered by this task e.g. P2, M2 | P2 P3 P4 P5 P6 M2 M3 D2 D3 |

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| Other assessment materials attached to this Assignment Brief:  e.g. work sheets, risk assessments, case study etc. |
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| Sources of Information:  e.g. Teaching and learning hints and wider reading etc. |
| Digital  Class Notebook Content Library  Class Notebook Student Notes  Moodle Unit page  Books available in the LRC  Web coding & development all-in-one for dummies - 006.76 MCF Modern web development: understanding domains, technologies, and user experience - 005.276 ESP |
| Checklist of evidence required |
| * Designs for the web site * Justifications of the design decisions * Annotated screen shots of the completed web site * Evidence of testing including test plans and data, user feedback and details of the changes made in response to testing * Annotated screen shots of the optimised web site * Evaluation of the design and development of the web site * Evidence of individual responsibility, effective time-management including a time plan and witness testimony from your tutor. |

**Student declaration needs to be met either via the assignment brief OR hand-in sheets OR via Moodle. Therefore the following section is optional/amendable.**

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| Checklist | | | **Student Declaration** |
| Task No | What you should hand in | Tick when complete | *I confirm that the content of this assignment is all my own using the information sources listed in the bibliography.*  *I fully understand the consequences of plagiarism and copying*  **Student Signature:**  **Date:** |
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