

BTEC Assignment Brief

Qualification	Pearson BTEC Level 3 National Foundation Diploma in Information Technology
Unit or Component number and title	Unit 6: Website Development
Learning aim(s) (For NQF/RQF only)	B Design a website to meet client requirements C Develop a website to meet client requirements.
Assignment title	Assignment 2 of 2: Implementation and review of website
Assessor	Emily Byrnes
Hand out date	17/11/2023
Hand in deadline	12/01/2024

Vocational Scenario or Context	<p>As the office junior at Edwards & Byrnes Media and having demonstrated your understanding of the principals of website design your employers are keen to get you involved in developing your creative ability.</p> <p>A new client has arrived at Edwards & Byrnes Media describing how they want numerous websites creating to advertise the various events they are promoting at Venue Cymru throughout the year.</p> <p>You have been offered the opportunity to choose one of the events that interests you to demonstrate your skills at website creation.</p>
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Task 1 P2, P3, M2 D2 (part 1)	<p>Planning</p> <p>Before you can start making your website your client is expecting you to provide them with an indication of what you intend to do for them through the completion of planning documentation.</p> <p>You will need to show the completed documentation to the client before they sign off on the creation of the website.</p> <p>They want you to create a concise and effective website of 5 pages that reflects theirs and your enthusiasm for the event you are promoting. They would like to see plenty of interaction within the pages as well as gathering information from potential visitors to add to a mailing list preferably using client-side scripting.</p> <p>Design documentation will need to include as a minimum:</p> <ul style="list-style-type: none"> ● Documentation to cover client needs ● Target audience ● User requirements
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	<ul style="list-style-type: none"> ● Visual design ● Technical design documents. <p>You must review your designs with at least two others to identify and inform any improvements.</p> <p><i>Draw on and show synthesis of knowledge across the learning aims to evaluate how the decisions and methodologies applied throughout the design. Apply your knowledge through selection and application of appropriate methodologies to design, develop, maintain and test an effective, optimised website to meet client requirements. You will produce comprehensive designs, including alternative solutions.</i></p> <p><i>Apply your understanding through the planning and development of the website to meet client requirements. You will produce detailed designs for your website, including user requirements, visual designs and technical documentation.</i></p>
Task 2 P4, P5, M3 (part 1) D2 (part 2)	<p>Implementing</p> <p>Having demonstrated your ability to plan for the website you now have the opportunity to demonstrate your coding skills by implementing your design.</p> <p>Following the completion of the website it will need to be thoroughly tested before it can be approved by your client and hosted on a web server.</p> <ul style="list-style-type: none"> ● When developing your website, you will produce an optimal solution to meet client requirements as closely as possible. You will also gather and analyse feedback on their website in order to make improvements. You will record the changes that are made and produce subsequent versions of the website as appropriate. ● You will carry out and document a number of tests and reviews of the website (including use of test users and appropriate test plans, schedules and test data) to ensure that the solution works and meets the identified criteria. You will give evidence that different types of testing have been carried out and that important problems and errors identified have been responded to. <p><i>Draw on and show synthesis of knowledge across the learning aims to evaluate how the decisions and methodologies applied throughout the development, maintenance, optimisation and testing stages of your website impacted on the overall outcomes. You will consider whether the website meets client requirements, including achieving its stated purpose and appealing to the target audience. You will justify your designs and provide a discussion on why alternative designs were not used.</i></p>
Task 3	

<p>P6, M3 (part 2) D3</p>	<p>Review Following the successful completion and implementation of the website your employers would like you to review your performance.</p> <ul style="list-style-type: none"> You need to give 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 will 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. You will take individual responsibility for your own work, for example identifying potential issues and resolving them, reviewing your work and making improvements, keeping their work safe and secure, and showing responsible use of quoted materials. Creativity will be shown, for example, by taking innovative approaches to problem solving and through the originality of your solution. You need to give a clear analysis of the success of your solution, giving accurate and reasoned suggestions as to how the solution could be improved, you will discuss alternative solutions that could be implemented if the task were to be repeated. You will consider how decisions you made during the project affected the outcomes and justify why these decisions were made. You will give an evaluation of how your skills and behaviours affected the outcomes of the website You need to review how the decisions you made during planning and development affected the website. You will explain the extent to which the website meets the initial project brief. You will consider both positive and negative aspects of the website, although You will make reference to the possible alternative solutions that could be implemented.
<p>Checklist of evidence required</p>	<p>Rational documentation Technical design documentation Completed website Testing documentation Review document</p>
<p>Criteria covered by this task:</p>	
<p>Unit/Criteria reference</p>	<p>To achieve the criteria, you must show that you are able to:</p>

6/BC.D3	Demonstrate individual responsibility, creativity and effective self-management in the design, development and review of a website.
6/BC.D2	Evaluate the design and optimised website against client requirements.
6/C.M3	Optimise a website to meet client requirements.
6/B.M2	Justify the design decisions, explaining how they will meet the user's needs and be fit for purpose.
6/C.P6	Review the extent to which the website meets client requirements.
6/C.P5	Test the website for functionality, compatibility and usability.
6/C.P4	Produce a website for an intended audience and purpose.
6/B.P3	Review the website design proposals with others to identify and inform improvements.
6/B.P2	Produce designs for a website that meet client requirements.

Sources of information to support you with this Assignment	<ul style="list-style-type: none"> • https://moodle.gllm.ac.uk/course/view.php?id=2029 <p>CSS Reference</p> <ul style="list-style-type: none"> • https://www.w3schools.com/cssref/default.asp <p>Form Validation using Javascript</p> <ul style="list-style-type: none"> • https://www.w3schools.com/js/js_validation.asp <p>Validation service for your HTML & CSS</p> <ul style="list-style-type: none"> • https://validator.w3.org/nu/#textarea <p>Coggle it</p> <ul style="list-style-type: none"> • https://coggle.it/?lang=en-GB <p>SEO</p> <ul style="list-style-type: none"> • https://developers.google.com/search/docs/advanced/guidelines/how-search-works
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Other assessment materials attached to this Assignment Brief	N/A	
FOR L1/2 FIRSTS ONLY: If you have not achieved the Level 2 criteria, your work will be assessed to determine if the following Level 1 criteria have been met.		
To achieve the criteria, you must show that you are able to:	Unit	Criterion reference