

## BTEC Assignment Brief

<b>Qualification</b>	Pearson BTEC Level 3 National Extended Certificate in Computing Pearson BTEC Level 3 National Foundation Diploma in Computing Pearson BTEC Level 3 National Extended Diploma in Computing
<b>Unit or Component number and title</b>	<b>Unit 15: Website Development</b>
<b>Learning aim(s)</b> (For NQF/RQF only)	<b>B:</b> Design a website to meet client requirements <b>C:</b> Develop a website to meet client requirements
<b>Assignment title</b>	Design and Development of the Website
<b>Assessor</b>	Abu Riaz/Bilal Asghar
<b>Hand out date</b>	w/c 20/05/2025
<b>Hand in deadline</b>	w/c 20/06/2025

<b>Vocational Scenario or Context</b>	<p>You have recently joined a web development company, Bobble Digital 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:</p> <ul style="list-style-type: none"> <li>• A profile of the company itself</li> <li>• profiles of existing trainee web developers</li> <li>• job specifications and required qualifications</li> <li>• an on-line application form</li> <li>• links to web development courses</li> </ul> <p>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.</p>
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<b>Task 1</b>	<p>Create and evaluate comprehensive designs for the web site which include:</p> <ul style="list-style-type: none"> <li>• identification of user requirements</li> <li>• visual designs for the pages</li> <li>• alternative design options</li> <li>• technical documentation</li> </ul> <p>Review the website design proposals with two other people and use their feedback to update your design specification documentation in light of the feedback</p>
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	<p>Produce a justification of the design decisions you made, explaining how it will meet the user needs and be fit for purpose.</p> <p>Develop the web site</p> <p>Test the website for functionality, compatibility (with different devices and browsers) and usability (including user testing), using appropriate test plans, test schedules and data. You should collect results, feedback, and show that you have responded to any problem or errors identified.</p> <p>Optimise the website, 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.</p> <p>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. Your 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.</p> <p>Finally, you must demonstrate individual responsibility, creativity and effective self-management in the design, development, and review of a website.</p>
<b>Checklist of evidence required</b>	<ul style="list-style-type: none"> <li>• Designs for the web site</li> <li>• Justifications of the design decisions</li> <li>• Annotated screen shots of the completed web site</li> <li>• Evidence of testing including test plans and data, user feedback and details of the changes made in response to testing</li> <li>• Annotated screen shots of the optimised web site</li> <li>• Evaluation of the design and development of the web site</li> <li>• Evidence of individual responsibility, effective time-management including a time plan and witness testimony from your tutor.</li> </ul>
<b>Criteria covered by this task:</b>	
Unit/Criteria reference	To achieve the criteria you must show that you are able to:
15/BC.D2	Evaluate the design and optimised website against client requirements.
15/BC.D3	Demonstrate individual responsibility, creativity and effective self-management in the design, development and review of a website.
15/B.M2	Justify the design decisions, explaining how they will meet the user's needs and be fit for purpose.
15/C.M3	Optimise a website to meet client requirements.

15/B.P2	Produce designs for a website that meet client requirements.
15/B.P3	Review the website design proposals with others to identify and inform improvements.
15/C.P4	Produce a website for an intended audience and purpose.
15/C.P5	Test the website for functionality, compatibility and usability.
15/C.P6	Review the extent to which the website meets client requirements.
<b>Sources of information to support you with this Assignment</b>	
<b>Other assessment materials attached to this Assignment Brief</b>	<i>e.g. work sheets, risk assessments, case study</i>
<b>Notes to Assessor and technician</b>	Scenarios and details of the web site to be developed can be adjusted to suit local needs. You may be able to get local employers, charities etc. to provide a case study of a web site they would like developed.