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| Name |  |
| Qualification | Pearson BTEC Level 3 Extended Diploma in Computing |
| Unit | Unit 15 Website Development |
| Learning Aims | C: Develop a website to meet client requirements |
| Title | Develop a website |

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| Unit/Criteria |  | Page Ref |
| 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 |  |
| 15/C.M3 | Optimise a website to meet client requirements |  |
| 15/BC.D2 | Evaluate the design and optimised website against client requirements |  |
| 14/BC.D3 | Demonstrate individual responsibility, creativity and effective self-management in the design, development and review of a computer game |  |

**15/C.P4**

**Produce a website for an intended audience and purpose**

I have produced the website using the software called Dreamweaver. I have then applied the website to a webserver to test functionality. The assets I have used are listed below. They are used in the page headers and the page content and are free stock images, not including the last one which is a paid stock image.

**Sources:**

* <https://www.pexels.com/photo/group-of-people-in-dress-suits-776615/> - This was used in the “Our Team” page as a placeholder for the pictures of each team member. This picture will likely not be used in the final production website. The legal and ethical implications for choosing this image are that the people in the image may not agree to be in this website but they have agreed to participate in the stock photo so it should be fine.
* <https://www.pexels.com/photo/group-of-people-sitting-indoors-3184291/> - This was used in the “Our Team” page for the page header to show a team working together in an office. The legal and ethical implications of this are that the people citing the website may not be happy about the picture not showing the actual company’s employees.
* <https://www.pexels.com/photo/group-of-people-watching-on-laptop-1595385/> - This was used in the “About” page to show people reading something on a laptop to show that the company works together. The legal and ethical implications of this image are that people may be upset that it doesn’t show that actual company and that the image is used on literally millions of other websites so it will look tacky and cheap.
* <https://www.pexels.com/photo/man-and-woman-near-table-3184465/> - This was used in the “Jobs” page to show a connection between a possible employee and an employer and this will show a civil connection between the company and employees and make people want to get a job with the company. The legal and ethical implications of this are that if the company is really bad at the interviews it may be unethical to show a sophisticated meeting when in reality, they are really rude or something.
* <https://www.pexels.com/photo/man-and-woman-sitting-beside-table-3205567/> - This was used in the “Jobs” page to show people having what could be perceived as a job interview. This is to show the users that the page is about applying for a job and gives off the feeling of being in a job interview. The legal and ethical implications of this image are that it may not represent the actual job interview process at hot beans and this may be unethical.
* <https://www.dreamstime.com/coffee-beans-seamless-vector-repeat-simple-background-hot-drink-seeds-pattern-texture-image133343654> - This was used in the header of the website as a nice little detail in the background. It was edited in illustrator to have the right colour. The ethical and legal implications of this are that the copyright owner requires payment for use on the web.

Link to the final website: <http://www.fishboe.com/unit15/stephensWebsite/about.html>

**15/C.P5**

**Test the website for functionality, compatibility and usability**

Using the testing tables created as part of the design documentation, carry out full testing of your website. Provide as much detail of the testing process as you can in your testing tables. Tests to be carried out are:

Functionality

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Name** | **What to Test** | **What Is Expected** | **What Happened** | **Comments** |
| Job application form | That it writes all the data to the storage file | It will write it to the file |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
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* Compatibility
* Usability test

As part of the testing process, if you are met with ‘problems’ or ‘errors’ from the tests that you carry out, you should respond to those and repair them. Complete the testing tables with any additional information of errors and repairs.

You must also include evidence of ‘user testing’. Ask at least two other people to test your website and to provide you with their evidence and feedback from the user testing.

**15/C.P6**

**Review the extent to which the website meets client requirements**

You will review how the decisions you made during planning and development affected the website, explaining to what extent your website meets the initial project brief.

You must consider both positive and negative aspects of the website. You will make suggestions for possible alternative solutions that could be implemented.

**15/C.M3**

**Optimise a website to meet client requirements**

Using the results of your testing and the feedback from others, you need to provide evidence of improvements that you are going to make to your website.

You will record the changes that are made and produce subsequent versions of the website as appropriate. Show annotated screenshots of before and after the changes you have made and justify the changes.

You must optimise your website by making use of the testing you carried out and feedback throughout development to improve and refine the final solution.

You must provide a clear and balanced analysis of the success of your solution, giving accurate and reasoned suggestions as to how it could be improved. This needs to be a written detailed and balanced analysis