**ASSIGNMENT 2 BRIEF**

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| **Qualification** | **BTEC Level 5 HND Diploma in Computing** | | |
| **Unit number** | 10: Website Design & Development | | |
| **Assignment title** | Web Services Presentation and Guidebook | | |
| **Academic Year** | 2018 – 2019 | | |
| **Unit Tutor** |  | | |
| **Issue date** |  | **Submission date** |  |
| **IV name and date** |  | | |

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| **Submission Format:** |
| *Format:*   1. A report document including some sections  * Section 1: A review of appreciate web design principles, standards and guidelines. * Section 2: Design document for online shopping website. * Section 3: Implementation of website design. * Section 4: Test plan and test evaluation.  1. A compressed file that encapsulates all source code and particular necessary resources including files of images, style sheets, java script and other files to support to install multipage website such as sql script and installation guide.   *Submission* Students are compulsory to submit the assignment in due date and in a way requested by the Tutors. The form of submission will be a soft copy posted on <http://cms.greenwich.edu.vn/>  *Note:* The Assignment *must* be your own work, and not copied by or from another student or from  books etc. If you use ideas, quotes or data (such as diagrams) from books, journals or other sources, you must reference your sources, using the Harvard style. Make sure that you know how to reference properly, and that understand the guidelines on plagiarism. *If you do not, you definitely get failed* |
| **Unit Learning Outcomes:** |
| **LO3** Utilise website technologies, tools and techniques with good design principles to create a multipage website.  **LO4** Create and use a Test Plan to review the performance and design of a multipage website. |
| **Assignment Brief and Guidance:** |
| You work as a full-stack web team leader for a leading creative web solutions and marketing company. Your team is about to have a big contract to develop an online shopping mall.  In order to finish your work effectively you need to review all appropriate principles, standards and guidelines for website designing and development, evaluate all technical challenges to produce a good design document for the online shopping website with wireframes, functional illustrations and a full set of client and user requirements. Then, you lead your team to utilize web design and development technologies, tools and techniques to implement your web design to develop the online shopping website. To get good result, you always ask your team for following your design document by comparison between created multipage website with your design document and evaluation.  As your role, to ensure that the multipage website for online shopping developed by your team is a high quality product, you also need to ask your team members to follow quality assurance process and implement it during your design and development stages by creating a suitable test plan. The test phase should be seriously implemented by reviewing and analysing all test results to evaluate applied quality assurance process and point out suggestions of improvements for online shopping website |

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| Learning Outcomes and Assessment Criteria | | | |
| Pass | | Merit | Distinction |
| **LO3** Utilise website technologies, tools and techniques with good design principles to create a multipage website | | | **D2** Critically evaluate the design and development process against your design document and analyse any technical challenges. |
| **P5** Create a design document for a branded, multipage website supported with medium fidelity wireframes and a full set of client and user requirements.  **P6** Use your design document with appropriate principles, standards and guidelines to produce a branded, multipage website supported with realistic content. | | **M4** Compare and contrast the multipage website created to the design document. |
| **LO4** Create and use a Test Plan to review the performance and design of a multipage website | | | **D3** Critically evaluate the results of your Test Plan and include a review of the overall success of your multipage website; use this evaluation to explain any areas of success and provide justified  recommendations for areas that require improvement. |
| **P7** Create a suitable Test Plan identifying key performance areas and use it to review the functionality and performance of your website. User Experience (UX) and User Interface (UI). | **M5** Evaluate the Quality Assurance (QA) process and review how it was implemented during your design and development stages. | |