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| Programme: | BTEC Level 3 Extended Diploma (Software Development) | | |
| Unit (No. and Name): | Unit 27 Server Side Scripting | | |
| Assignment Title: | Assignment 2 – Programming for the Web Server | | |
| Start Date: | 12/06/2017 | Submission Date: | 19/06/2017 |
| Marking Tutor: | Soyful Islam | | |
| Internal Verifier (Brief): | Denys Lewis | | |
| Brief Verified (Date): | 19.05.2017 | | |
| Internal Verifier (Assessment) | Denys Lewis | | |

GRADING CRITERIA

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| Unit: 27 Server Side Scripting | | |
| Criteria | Task |  |
| U27P2 | 2 | use web server scripting to identify a user’s browser and screen resolution |
| U27P3 | 2 | upload files to a web server using web server scripting |
| U27P4 | 2 | implement, test and document a simple login system using web server scripting |
| U27P5 | 2 | implement, test and document a web content management system to meet a defined need |
| U27M2 | 2 | edit the content of a text file on a web server using web server scripting |
| U27M3 | 2 | create a multi-user, dynamic login system using web server scripting |
| U27M4 | 2 | implement an error log for a website using web server scripting |
| U27D2 | 2 | create a web application to generate website statistics using web server scripting |

Plagiarism:

Work handed in against this brief must be the learner’s own work. Any content not generated by the learner must be appropriately referenced; otherwise it will be taken to be that of the learner submitting it. Any infringement of the College’s Plagiarism guidelines will result in the Assignment not being marked and Disciplinary proceedings initiated.

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| **Scenario:** |
| ***Code Monkeys*** is a social network for programmers and wannabe programmers. Code Monkeys is unusual because it is the people who have signed up to the service who design, build new features and extend the content for everybody. You have joined the network to find that currently it is building two new facilities (a) user management (b) content management.  Your first task is to create a design for the user management system and user database. |

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| Design  The user management system will allow members to securely authenticate against the server’s database. It will allow new members to sign up and existing members to change their password and delete their account. It will use a cryptographic system of salted hashed passwords.  The content management system will allow members to create new pages of text content and edit them on the server. Members will also be able to identify other members and ‘befriend’ them. Pages will be editable on the server and friends.  The system will be Web based, written in HTML, CSS & JavaScript, hosted on an Apache Web Server with PHP server side scripts and a MS Access database back end. All programming elements will be written in the procedural paradigm. |

| **Assessment Tasks:** | | |
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| Number | Task | Criteria Targeted |
| 1 | Build  Deliverables  **U27P2** - use web server scripting to identify a user’s browser and screen resolution. Source code & the numbers produced  **U27P3** - upload files to a web server using web server scripting. Source code & before after dir listing | U27P2  U27P3 |
| 2 | **U27P4** - implement, test and document a simple login system using web server scripting Statement of need, documented source code, test plan and results.  **U27P5** - implement, test and document a web content management system to meet a defined need Statement of need, documented source code, test plan and results.  **U27M2** - edit the content of a text file on a web server using web server scripting Statement of need, documented source code, test plan and results.  **U27M3** - create a multi-user, dynamic login system using web server scripting. Extends P4  **U27M4** - implement an error log for a website using web server scripting. Statement of need, documented source code, test plan and results.  **U27D2** - create a web application to generate website statistics using web server scripting. Copy of the statistics, together with a copy of the script. | U27P4  U27P5  U27M2  U27M3  U27M4  U27D2 |

***You should read the grading criteria carefully which are set out on the front sheet, so that you know exactly what you are required to produce in order to obtain a pass and subsequent higher grades.***

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| **Further Information (e.g. Evidence, Resources, Assessment Arrangements etc.)** |
| The evidence required involves creating the electronic document in a suitable format. You are not expected to link the document to a web page or create a web page. |