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| **BTEC National Extended Diploma in** **Information Technology** | | |
| **Assignment no: 1**  **Assessment Title: Build a Logon Script** | | |
| Assessor: Mark Higgins | Student: | Group: GSDED3/18-Y2 |
| Unit Number: 27 | Unit Title: Web Server Scripting | |
| Hand out date: 24/3/20  Resubmission authorised by:  (BTEC only) | Hand in date: 03/04/20  Resubmission hand in date: | Date handed in:  Date handed in: |

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| **Scenario**  You have been hired as a web programmer for an existing web design company. You need to produce a web app with a data management system (e.g. database or file uploads system) where users can input, store, change and retrieve information. The users will need to protect this information with a log-in system/user account. The web app should also allow users to have a Content Management System for administration of the web app.  Your web app should also identify the browser and screen resolution, create a log of any errors and display statistics of how the website is being used by admin/users.    **Task 1**  Create commented and well laid out server scripting that creates the following;   * A webpage that allows users to create an online/log-In account. * The webpage will allow users to upload, their own content to their website(e.g. Blog Posts or Staff details for a company) e.g. a database or uploaded files. This is a Content Management System for either or both the users and admin staff * A system which will log any errors with the use of the website on the webserver. * A system which displays statistics of the website app. * A system that displays the web browser and screen resolution of the current user. * Create a report that explains all of the systems that you have created. Explain the programming techniques that you have used and screenshot views of the programs running, ie, what the user interfaces look like for the code systems you have written.   **Task 2**  2.1 Create and complete a test plan for your web app that describes the test, date, expected result, actual result, and any corrective action undertaken.  2.2 Explain how you debugged your web app. |

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| **What to hand in:** |

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| **How to hand in your assessment**  This assessment must be handed into / uploaded to the VLE by the hand in date on the front of the assignment brief. If you have a valid reason why you will not be able to hand in the work on time you will need to fill out and hand in an AE form to your assessor or the Head of School. |

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| **Student declaration:**  I have read the Assignment Submission Procedure. I agree that this is my own work or my own work and that of other members of my group. It has not been copied (plagiarised) from any other source e.g. the internet, a book, another student or group of students. I know that I may FAIL this assignment if the Head of School proves that this is not my own work. | | | |
| Student signature |  | Date: |  |

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| **Student feedback on what you liked and/or disliked about this assessment.**  Option 1 – delete this box if not using. | |
| **Answer Yes or No to the questions.** | |
|  | Yes / No |
| I enjoyed the task. |  |
| I understood the task. |  |
| The deadline was realistic. |  |
| I had enough support. |  |

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| **Student feedback on what you liked and/or disliked about this assessment.**  Option 2– delete this box if not using. |

For staff use only.

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| **Internal Verification** | This assessment has been verified and form IV8 completed: | IV name:  Trevor Till | IV signature:  TTill | Date:  4/10/19 |

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| **SMOG index:** |  |

Test for readability on scenario and tasks only OR workbooks tasks. Appropriate scores are: L3 = 16; L2 = 13/14; L1 = 11/12; entry level = 9/10

Link here: <http://www.readabilityformulas.com/free-readability-formula-tests.php>

**Assessor marking grid**

**Student name:**

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| Grading criteria | Grading criteria | Achieved  Not submitted  Fail  Resubmission | Comments/Feedback | Target date  for resubmission  (BTEC FE only - within 15 working days of receipt of results of assessment) |
| Code goes in here. | Description  goes in here. | Code goes in here – see above. | Feedback on individual grading criteria / performance criteria goes in here. | Target date for resubmission goes in here if required. |
| P2 | use web server scripting to identify a user’s browser and  screen resolution | Resubmission | Assessor feedback. |  |
| Achieved | Assessor resubmission feedback. |  |
| P3 | upload files to a web server using web server scripting |  |  |  |
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| P4 | implement, test and document a simple login system using web server scripting |  |  |  |
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| P5 | implement, test and document a web content management system to meet a defined need |  |  |  |
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| M2 | edit the content of a text file on a web server using web  server scripting |  |  |  |
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| M3 | create a multi-user, dynamic login system using web server scripting |  |  |  |
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| M4 | implement an error log for a website using web server scripting |  |  |  |
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| D2 | create a web application to  generate website statistics  using web server scripting |  |  |  |
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| **General comments and feedback on English and maths** |

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| ***Actual Grade*** | ***Grading criteria*** | *P2* | *P3* | *P4* | *P5* | *M2* | *M3* | *M4* | *D2* |  |  |  |  |  |  |  |  |  |  |
| ***Achieved?*** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Please note that the grade that you have been awarded is subject to confirmation following internal verification and external sampling by the Awarding Body.

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| I certify that the evidence submitted for this assignment - either via the VLE or other method - is the learner’s own. The learner has clearly referenced any sources used in the work. I understand that false declaration is a form of malpractice. |

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| Assessor signature: | Date marked: |