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| **BTEC National Extended Diploma in Information Technology** | | |
| **Assignment no: 2**  **Assessment Title: Pizza Delivery** | | |
| Assessor: Mark Higgins | Student: | Group:  Glos Year 2 Cyber and Forensics |
| Unit Number: 20 | Unit Title: Client Side Customisation of Web Pages | |
| Hand out date: 21/01/20  Resubmission authorised by:  (BTEC only) | Hand in date: 3/3/20  Resubmission hand in date: | Date handed in:  Date handed in: |

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| **Scenario:**  You are a website designer working for a small design consultancy. A local pizza delivery shop wants a website to be able to display all of their products and take orders online. They would also like to be able to use the website as a kiosk in the shop for people to place orders in the shop.  Pizza Delivery is a small shop on the local high street. They want a website and kiosk for people to see their full menu and book pizzas for delivery.  The owner wants to ‘showcase’ their menu so that customers can get an impression of the high quality of their artisan cooking methods.  **McDonaldsOrderKiosk_sml**  Pizza Delivery sells artisan Italian crust pizza. There are four toppings for customers to choose from, all at different prices. There are optional extra side orders and drinks which can be ordered if wanted which increases the price of the meal.  **Menu**   |  |  |  | | --- | --- | --- | | **Pizza Topping** | **Size** | **Cost (£)** | | Four Cheeses | Medium | 9.50 | | Pepperoni | Medium | 13.00 | | Fish Catch | Medium | 12.50 | | Vegetarian | Medium | 11.50 |   **Extras**   |  |  | | --- | --- | | **Extra** | **Price (£)** | | Caesar Salad | 4.95 | | Rustic Chips | 3.95 | | Wild Garlic Bread | 3.75 |   **PizzaDelivery_sml**  **User Requirements**  Pizza Delivery needs a system that records:   * which topping is on the order * calculate the total price depending on   + the amount of pizzas with different toppings   + any extras that have been chosen   **Programming Techniques**   * Use an HTML form with JavaScript for the different parts of the booking. * use text boxes to accept input data for the number of pizzas with different toppings and amounts of the different extras * Output the price of the pizzas, the price of the extras and how many of each of the extras   **Planning and Design**   * Create wireframes to illustrate a) the layout of the home page and b) the booking page * Create a site map to show a) the content of each page and b) how the pages link to each other * Complete a brief style guide to show information like the types of font to use, the different styles for the fonts, the colour scheme and any hex values for colours etc   **Testing and Evaluation**   * Check that the pages of the website display properly in the main browsers in use on the web at the moment – eg, Google Chrome, Firefox, M/S Edge. Use a sample page from your website, screenshot it in the different browsers and annotate the screenshots to highlight if there are any differences between them. Annotate how your original designs have been successfully created or explain if you have had to make any changes during the build – and why. * Test that your Javascript program works by using black box test data to make sure that users cannot input anything that would cause the booking system to go wrong. Record the outcome of your black box tests in a standard black box test table format. * Evaluate your program using UX evaluation techniques and write up any improvements that could be made to the site and any individual pages. Make sure that you write up the results of the UX evaluation based on your own ideas about how the end users interacted with the web site not just what they may have said to you about it. |

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| **What to hand in:**   1. All of the planning and design work 2. Screenshots and code from the website 3. Evidence of testing 4. Evaluation reports |

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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:  13/9/19 |

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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) |
| P4 | Design web pages using CSS to control layout. | Resubmission | Assessor feedback. |  |
| Achieved | Assessor resubmission feedback. |  |
| P5 | Create interactive web pages using CSS and a scripting language. |  |  |  |
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| P6 | Test interactive web pages. |  |  |  |
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| M3 | Employ good practice in the design and implementation web pages. |  |  |  |
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| D2 | Evaluate the web pages and discuss improvements. |  |  |  |
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| **General comments and feedback on English and maths**  This is for the overall comments and well dones.  This is for the comments on grammar, spelling and maths; what was done well and areas for improvement (– in line with the college marking strategy). |

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| ***Actual Grade*** | ***Grading criteria*** | *P4* | *P5* | *P6* | *M3* | *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: |