**Outcome 3**

**Stage 2 – Testing**

**Test Log**

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| **Test No.** | **Action** | **Expected Output** | **Actual Output** | **Result** | **Screenshot** |
| 1 | Start the application. | Main menu opens. | As expected. | Pass | See Appendix (1) |
| 2 | Click the Customer Login button on the Main Menu | The log in page opens and the main menu closes. | As expected. | Pass | See Appendix (2) |
| 3 | On Customer Login Page-Enter the Username and Password of a valid customer  Username: a  Password: a  Press Login button | The home screen opens with a personalised greeting and log in page closes. | As expected. | Pass | See Appendix (3) |
| 4 | On Customer Login Page-Enter an invalid Username and Password for any customer:  Username: ad  Password: ad  Press Login button | The log in page displays an error stating that their username or password is incorrect. | As expected. | Pass | See Appendix (4) |
| 5 | Click Register button on the Customer Login Page | The register opens and the log in page closes. | As expected. | Pass | See Appendix (5) |
| 6 | On the Customer Registration page attempt to register while missing out key pieces of information:  Username: pizza  Password: tomato  First Name: Dave  Last Name: \*MISSED FIELD\*  Address Line 1: 999  Address Line 2: Pineapple lane  Town: Mozarellatown  Postcode: MZRLLA  Press Submit button | The register page displays an error stating that a field is missing. | As expected. | Pass | See Appendix (6) |
| 7 | On the Customer Registration page attempt to register using the same Username as a previously registered customer.  Username: a  Password: tomato  First Name: Dave  Last Name: Cheeseworth  Address Line 1: 999  Address Line 2: Pineapple lane  Town: Mozarellatown  Postcode: MZRLLA  Press Submit Button | The register page displays an error stating that a field is missing. | As expected. | Pass | See Appendix (7) |
| 8 | On the Customer Registration page press the “Clear” button | The register page displays a list of unpopulated fields. | As expected. | Pass | See Appendix (8) |
| 9 | On the Customer Registration page attempt to register as a valid new customer with a unique username:  Username: pizza  Password: tomato  First Name: Dave  Last Name: Cheeseworth  Address Line 1: 999  Address Line 2: Pineapple lane  Town: Mozarellatown  Postcode: MZRLLA  Press Submit Button | The register page displays an message stating that the registration was successful. | As expected. | Pass | See Appendix (9) |
| 10 | Once logged in as a Customer, on the Customer Home Page, click “Browse Products” button | The browse products page opens and the customer home closes. | As expected. | Pass | See Appendix (10) |
| 11 | On the Browse Products screen (as a Customer) click on the ‘Clothing’ item on the first list box under the ‘Categories’ header. | The left text box list displays the list of clothing available to the customer | As expected. | Pass | See Appendix (11) |
| 12 | On the Browse Products screen (as a Customer) click on the ‘Footwear’ item on the first list box under the ‘Categories’ header. | The left text box list displays the list of footwear available to the customer | As expected. | Pass | See Appendix (12) |
| 13 | On the Browse Products screen (as a Customer) click “Add to Basket” without first selecting any Product – the Quantity box will still be blank. | The view products page displays an error stating that the customer must first select a product. | As expected. | Pass | See Appendix (13) |
| 14 | On the Browse Products screen (as a Customer) select a Category – Clothing, and a Product  Black Jeans  Click “Add to Basket” with the Quantity for this item still set to 0. | This is not possible. Quantity is automatically set to 1. | As expected. | Pass | See Appendix (14) |
| 15 | On the Browse Products screen (as a Customer), select a category and product, and look at the drop down list of available quantities  Category: Clothing  Product: Black Jeans | The quantity will be set to the number of items that ‘Black Jeans’ has as an attribute. | As expected. | Pass | See Appendix (15) |
| 16 | On the Browse Products screen (as a Customer) add 3 valid items and different quantities to the Basket:  Vest – 3  Polo – 1  Flip Flops - 2 | The view products page displays a message stating that the product has been added to the basket and then takes away the quantity of that product that they have already selected. This occurs 3 times (for every item added). | As expected. | Pass | See Appendix (16a, 16b, 16c) |
| 17 | On the Browse Products screen (as a Customer), select a product you have already added to the basket and look at the available quantities on the drop-down box of this product now.  Vest | The quantity has decreased by 3. | As expected. | Pass | See Appendix (17) |
| 18 | On the Browse Products screen (as a Customer) once you have entered valid entries to your Basket (see test number 16), click on “View Basket” button | The View basket page opens and browse products page closes. | As expected. | Pass | See Appendix (18) |
| 19 | On the View Basket page, click the “Remove Selected Product” button without first selecting a Product. | An error message displays stating that you must select a product first. | As expected. | Pass | See Appendix (19) |
| 20 | On the View Basket page, click on a product  Polo  and click “Remove Selected Product” button | The product is removed from the table, the total is reduced and a message states that the product has been removed. | As expected. | Pass | See Appendix (20) |
| 21 | On the View Basket page, click on “Back” to return to the Browse Products screen.  On the Browse Products screen (as a Customer), select the product that you removed from the Basket (in last test) and check the quantity for the product in the dropdown box on the page.  Polo | The browse products page opens and View basket page closes.  The quantity is increased by 1. | As expected. | Pass | See Appendix (21) |
| 22 | On the Browse Products screen (as a Customer) add another amount of a product you have already added onto the Basket.  Flip Flops  Click on “View Basket” button once done | The View basket page opens and browse products page closes.  The quantity is increased by 1 on the row in the table. | As expected. | Pass | See Appendix (22) |
| 23 | On the View Basket page.  click “Buy” button | The Confirmation page opens and View basket page closes. A message is displayed with the order id. | As expected. | Pass | See Appendix (23) |
| 24 | On the Confirmation screen (as a Customer that has successfully placed an order) press the “Back” button | The home page opens and Confirmation page closes. | As expected. | Pass | See Appendix (24) |
| 25 | Once logged in as a Customer, on the Customer Home Page, click “View My Orders” button | The View orders page opens showing all the orders that pertain to that customer that either have the status of completed or dispatched and customer home page closes. | As expected. | Pass | See Appendix (25) |
| 26 | On the View My Orders page, click on “View Selected Order” button without first clicking on any order from the menu. | An error message is displayed stating that the user must select an order first. | As expected. | Pass | See Appendix (26) |
| 27 | On the View My Orders page, select an Order and then click “View Selected Order” button | The View order lines page opens showing all the order lines that pertain to that order and customer home page closes. | As expected. | Pass | See Appendix (27) |
| 28 | Once logged in as a Customer, on the Customer Home Page, click “Edit Details” button | The edit details page opens and customer home page closes. | As expected. | Pass | See Appendix (28) |
| 29 | On the Edit Details page, attempt to remove important information and press “Submit” button  Username: pizza  Password:  First Name:  Last Name:  Address Line 1:  Address Line 2:  Town:  Postcode:  Press Submit button | An error message is displayed stating that the user must input all fields. | As expected. | Pass | See Appendix (29) |
| 30 | On the Edit Details page press the “Clear Changes” button | The text boxes are repopulated with the customers last saved data | As expected. | Pass | See Appendix (30) |
| 31 | On the Edit Details page validly modify some of the information of the Customer and press “Submit” button  Username: pizza  Password: stuffedCrust  First Name: Dave  Last Name: Cheeseworth  Address Line 1: 999  Address Line 2: Pineapple lane  Town: Mozarellatown  Postcode: MZRLLA  Press Submit button | A message is displayed stating that the changes have been saved. | As expected. | Pass | See Appendix (31) |
| 32 | On the Edit Details page, once you have made changes to the Customers details, click “Return to Customer Home” button | The customer home page opens and edit details page closes. | As expected. | Pass | See Appendix (32) |
| 33 | Once logged in as a Customer, on the Customer home page click the “Log Out” button | The main menu opens and customer home page closes. | As expected. | Pass | See Appendix (33) |
| 34 | On Customer Login Page-Enter the Username and Password of a valid customer:  Username: John  Password: Oliver  Press Login button  Once logged in as a Customer, on the Customer Home Page, click “Unregister From Shop” button | The customer home page opens and main menu closes, then the customer home page closes and unregister verification page opens. | As expected. | Pass | See Appendix (34) |
| 35 | After unregistering a Customer, attempt to login with that Customer. By clicking on the “Customer Login” button on the Main Menu, entering the old Username and Password and pressing “Login” button | An error appears stating that the password or username is incorrect | As expected. | Pass | See Appendix (35) |
| 36 | Click the Staff Login button on the Main Menu | The staff log in page opens and main menu closes. | As expected. | Pass | See Appendix (36) |
| 37 | On Staff Login Page-Enter the Username and Password of a valid Staff member: Username: Karen  Password: Marshall  Press Login button | The staff home page opens with a personalised greeting and staff log in closes. | As expected. | Pass | See Appendix (37) |
| 38 | On Staff Login Page-Enter an invalid Username and Password for any Staff member:  Username: Karenn  Password: Marshall  Press Login button | An error appears stating that the password or username is incorrect | As expected. | Pass | See Appendix (38) |
| 39 | Once logged in as a Staff member, on the Staff Home Page, click “Products” button | The view products page opens and staff home closes. | As expected. | Pass | See Appendix (39) |
| 40 | On the Products page click the “Add Product” button | The products page closes and add product page opens. | As expected. | Pass | See Appendix (40) |
| 41 | On the Add New Product page without selecting any product type radio button click on the “Submit” button | An error occurs stating that there are fields missing | As expected. | Pass | See Appendix (41) |
| 42 | On the Add New Product page press the “Clothing” radio button | An error occurs stating that there are fields missing | As expected. | Pass | See Appendix (42) |
| 43 | On the Add New Product page press the “Footwear” radio button | An error occurs stating that there are fields missing | As expected. | Pass | See Appendix (43) |
| 44 | On the Add New Product page press the “Clothing” radio button, and enter information for 1 product- however miss out 1 or more of the pieces of information for a product:  - Clothing  Name: Socks  Price: 2  Stock Level: 1000  Measurement: \*MISSING FIELD\* | An error occurs stating that there are fields missing | As expected. | Pass | See Appendix (44) |
| 45 | On the Add New Product page press the “Clear” button | All the fields become blank | As expected. | Pass | See Appendix (45) |
| 46 | On the Add New Product page attempt to add a valid Clothing product  - Clothing  Name: Socks  Price: 2  Stock Level: 1000  Measurement: Small  Press “Submit” button | A message is displayed stating that a product has been added! | As expected. | Pass | See Appendix (46) |
| 47 | On the Add New Product page attempt to add a valid Footwear product  - Footwear  Name: Slippers  Price: 8  Stock Level: 100  Measurement: 7  Press “Submit” button | A message is displayed stating that a product has been added! | As expected. | Pass | See Appendix (47) |
| 48 | On the Add New Product page press the “Return” button.  On the Edit Products page click on “Clothing” on the list box under the “Categories” heading. | The view products page opens and add product page closes.  A list of all clothing items are shown with | As expected. | Pass | See Appendix (48) |
| 49 | On the Edit Products page press the “Edit Product” button without first selecting a product from within the list box under the heading “Product” | An error message displays that you must select a product | As expected. | Pass | See Appendix (49) |
| 50 | On the Edit Products page click on “Clothing” on the list box under the “Categories” heading and select the new product we added previously (test no. 46)  Press the “Edit Product” button | The view products page closes and edit product page opens showing the details of the product (Socks). | As expected. | Pass | See Appendix (50) |
| 51 | On the Edit Product Details page, attempt to remove important information and press “Submit” button  - Clothing  Name: Socks  Price: 2  Stock Level: \*MISSING DATA\*  Measurement: Small  Press Submit button | An error occurs stating that we need to complete all fields | As expected. | Pass | See Appendix (51) |
| 52 | On the Edit Product Details page press the “Clear Changes” button | All fields are repopulated. | As expected. | Pass | See Appendix (52) |
| 53 | On the Edit Details page validly modify some of the information for this product- including the products name and press “Submit” button  - Clothing  Name: Socks  Price: 2  Stock Level: 100  Measurement: Small  Press Submit button | A message displays that changes have been made. | As expected. | Pass | See Appendix (53) |
| 54 | On the Edit Product Details page press the “Return” button.  On the Edit Products page click on “Clothing” on the list box under the “Categories” heading. | The view products page is shown and the edit products is closed. | As expected. | Pass | See Appendix (54) |
| 55 | On the Products page press the “Delete Product” button without first selecting a product from within the list box under the heading “Product” | An error message is shown stating that you must select a product first | As expected. | Pass | See Appendix (55) |
| 56 | On the Edit Products page click on “Footwear” on the list box under the “Categories” heading and select the new product we added previously (test no. 47)  Press the “Delete Product” button | The product is removed and the message states that the product is removed | As expected. | Pass | See Appendix (56) |
| 57 | Once logged in as a Staff member, on the Staff Home Page, click “View All Orders” button | A view opens showing all orders placed | As expected. | Pass | See Appendix (57) |
| 58 | Once logged in as a Staff member, on the View All Orders page, click on “View Selected Order” button without first clicking on any order from the menu. | An error message is shown stating that you must select an order first | As expected. | Pass | See Appendix (58) |
| 59 | Once logged in as a Staff member, on the View All Orders page, select an Order and then click “View Selected Order” button | A view opens showing all order lines placed within the selected order line | As expected. | Pass | See Appendix (59) |
| 60 | Once logged in as a Staff member, on the Staff home page click the “Log Out” button | The main menu is shown | As expected. | Pass | See Appendix (60) |
| 61 | Click the View Products button on the Main Menu without logging in | The guest view products page is shown | As expected. | Pass | See Appendix (61) |
| 62 | On the Browse Products screen (accessed just directly from Main Menu) attempt to add a product to the Basket. | This is not possible. This view does not have that button. | As expected. | Pass | See Appendix (62) |

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