**Outcome 3**

**Stage 2 – Testing**

**Test Log**

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| **Test No.** | **Action** | **Expected Output** | **Actual Output** | **Result (Pass/Fail)** | **Screenshot** |
| 1 | Start the application. | Main menu will appear with 3 buttons and a label:  Label – Main Menu  Buttons – Staff Log In, Customer Log In, View Products | As expected | Pass | See image 1. |
| 2 | Click the Customer Login button on the Main Menu | The customer log in screen will appear showing 3 buttons, 3 labels and 2 text boxes:  Buttons – Return, Log In, Register  Labels – Customer Log In, Username, Password  Text boxes to the right of both labels | As expected | Pass | See image 2. |
| 3 | Click Register button on the Customer Login Page | The register screen will appear showing 3 buttons, 9 labels and 8 text boxes:  Buttons – Return, Register, Clear  Labels – Register, First Name, Last Name, Username, Password, Address Line 1, Address Line 2, Town, Postcode  Tex boxes to the right of all labels except for ‘Register’ label | As expected | Pass | See image 3. |
| 4 | On the Customer Registration page attempt to register while missing out key pieces of information:  First Name: John  Last Name: Oliver  Username: joliv  Password: ohner  Address Line 1: 58  Address Line 2: caddens rd  Town: Glasgow  Postcode:  Press Submit button | The register screen will still display showing all text boxes full except for the one not complete (postcode). An error message should display at the bottom of the screen above the 3 buttons saying that not all fields are displayed. | As expected | Pass | See image 4. |
| 5 | On the Customer Registration page attempt to register using the same Username as a previously registered customer.  First Name: John  Last Name: Oliver  Username: DonaldL  Password: ohner  Address Line 1: 58  Address Line 2: caddens rd  Town: Glasgow  Postcode: G11 2XS  Press Submit Button | The register screen will still display showing all text boxes full. An error message should display at the bottom of the screen above the 3 buttons saying that ID is in use. | As expected | Pass | See image 5. |
| 6 | On the Customer Registration page press the “Clear” button | The register screen will appear showing 3 buttons, 9 labels and 8 text boxes:  Buttons – Return, Register, Clear  Labels – Register, First Name, Last Name, Username, Password, Address Line 1, Address Line 2, Town, Postcode  Tex boxes to the right of all labels except for ‘Register’ label  No data should be shown that the user has inputted | As expected | Pass | See image 6. |
| 7 | On the Customer Registration page attempt to register as a valid new customer with a unique username:  First Name: John  Last Name: Oliver  Username: joliv  Password: ohner  Address Line 1: 58  Address Line 2: caddens rd  Town: Glasgow  Postcode: G11 2XS  Press Submit Button | The register screen will appear showing 3 buttons, 10 labels and 8 text boxes:  Buttons – Return, Register, Clear  Labels – Register, First Name, Last Name, Username, Password, Address Line 1, Address Line 2, Town, Postcode  Tex boxes to the right of all labels except for ‘Register’ label  All text boxes will be populated and the ‘hidden label’ at the bottom should say “Registration Successful” | As expected | Pass | See image 7. |
| 8 | On Customer Login Page-Enter an invalid Username and Password for any customer:  Username: bob  Password: dylan  Press Login button | The customer log in screen will appear showing 3 buttons,4 labels and 2 text boxes:  Buttons – Return, Log In, Register  Labels – Customer Log In, Username, Password, (error message)  Text boxes to the right of both labels will be populated with ‘bob’ and ‘dylan’ and an error message will appear | As expected | Pass | See image 8. |
| 9 | On Customer Login Page-Enter the Username and Password of a valid customer:  Username: joliv  Password: ohner  Press Login button | The customer home screen should display showing 1 label and 5 buttons:  Label – A personalised greeting message with first and last name  Buttons – Products, My Orders, Unregister, Edit Details, Log Out | As expected | Pass | See image 9. |
| 10 | Once logged in as a Customer, on the Customer home page click the “Log Out” button | The customer log in screen will appear showing 3 buttons, 3 labels and 2 text boxes:  Buttons – Return, Log In, Register  Labels – Customer Log In, Username, Password  Text boxes to the right of both labels | As expected | Pass | See image 10. |
| 11 | Click the Staff Login button on the Main Menu | The staff log in screen will appear showing 3 buttons, 3 labels and 2 text boxes:  Buttons – Return, Log In  Labels – Staff Log In, Username, Password  Text boxes to the right of both labels | As expected | Pass | See image 11. |
| 12 | On Staff Login Page-Enter an invalid Username and Password for any Staff member:  Username: joliv  Password: ohner  Press Login button | The staff log in screen will appear showing 3 buttons, 4 labels and 2 text boxes:  Buttons – Return, Log In  Labels – Customer Log In, Username, Password, (error message)  Text boxes to the right of both labels will be populated with ‘joliv’ and ‘ohner’ and an error message will appear below | As expected | Pass | See image 12. |
| 13 | On Staff Login Page-Enter the Username and Password of a valid Staff member: Username: DonaldL1  Password: blehbleh1  Press Login button | The staff home screen should display showing 1 label and 3 buttons:  Label – A personalised greeting message with first and last name  Buttons – Products, Orders, Log Out | As expected | Pass | See image 13. |
| 14 | Once logged in as a Staff member, on the Staff Home Page, click “Products” button | The products screen should display showing 3 labels, 4 buttons and 2 lists:  Labels – Products, Categories, Products  Buttons – Return, Add Product, Edit Product, Delete Product  Lists – Left list populated with 2 items: ‘Clothing’ and ‘Footwear’ | As expected | Pass | See image 14. |
| 15 | On the Edit Products page click the “Add Product” button | The add products screen should display showing 6 labels, 3 buttons, 2 radio buttons and 4 text fields:  Labels – Add Product, Type, Name, Price, Stock Level, Measurement/Size  Buttons – Return, Register, Clear  Radio Buttons – Clothing, Footwear  Text Fields – next to Name, Price, Stock Level, Measurement/Size | As expected | Pass | See image 15. |
| 16 | On the Add New Product page without selecting any product type radio button click on the “Register” button | The add products screen should display showing 7 labels, 3 buttons, 2 radio buttons and 4 text fields:  Labels – Add Product, Type, Name, Price, Stock Level, Measurement/Size, (error message)  Buttons – Return, Register, Clear  Radio Buttons – Clothing, Footwear  Text Fields – next to Name, Price, Stock Level, Measurement/Size  Error message – Please Complete All Fields | As expected | Pass | See image 16. |
| 17 | On the Add New Product page press the “Clothing” radio button | The add products screen should display showing 6 labels, 3 buttons, 2 radio buttons and 4 text fields:  Labels – Add Product, Type, Name, Price, Stock Level, Measurement  Buttons – Return, Register, Clear  Radio Buttons – Clothing, Footwear  Text Fields – next to Name, Price, Stock Level, Measurement  Clothing Radio button is selected. | As expected | Pass | See image 17. |
| 18 | On the Add New Product page press the “Footwear” radio button | The add products screen should display showing 6 labels, 3 buttons, 2 radio buttons and 4 text fields:  Labels – Add Product, Type, Name, Price, Stock Level, Size  Buttons – Return, Register, Clear  Radio Buttons – Clothing, Footwear  Text Fields – next to Name, Price, Stock Level, Size  Footwear Radio button is selected. | As expected | Pass | See image 18. |
| 19 | 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:  Name: Navy Hoodie  Price:  Stock Level:  Measurement: | The add products screen should display showing 7 labels, 3 buttons, 2 radio buttons and 4 text fields:  Labels – Add Product, Type, Name, Price, Stock Level, Measurement, (error message)  Buttons – Return, Register, Clear  Radio Buttons – Clothing, Footwear  Text Fields – next to Name, Price, Stock Level, Measurement  Footwear Radio button is selected.  Error message – Please Complete All Fields | As expected | Pass | See image 19. |
| 20 | On the Add New Product page press the “Clear” button | The add products screen should display showing 6 labels, 3 buttons, 2 radio buttons and 4 text fields:  Labels – Add Product, Type, Name, Price, Stock Level, Measurement/Size  Buttons – Return, Register, Clear  Radio Buttons – Clothing, Footwear  Text Fields – next to Name, Price, Stock Level, Measurement/Size | As expected | Pass | See image 20. |
| 21 | On the Add New Product page attempt to add a valid Clothing product:  Type: Clothing  Name: Snow Jacket  Price: 120.00  Stock Level:100  Measurement: M  Press “Submit” button | The add products screen should display showing 7 labels, 3 buttons, 2 radio buttons and 4 text fields:  Labels – Add Product, Type, Name, Price, Stock Level, Measurement, New clothing product added  Buttons – Return, Register, Clear  Radio Buttons – Clothing, Footwear  Text Fields – next to Name, Price, Stock Level, Measurement | As expected | Pass | See image 21. |
| 22 | On the Add New Product page attempt to add a valid Footwear product:  Type: Footwear  Name: Snow Boots  Price: 70.00  Stock Level:10  Size: 8  Press “Submit” button | The add products screen should display showing 7 labels, 3 buttons, 2 radio buttons and 4 text fields:  Labels – Add Product, Type, Name, Price, Stock Level, Size, New footwear product added  Buttons – Return, Register, Clear  Radio Buttons – Clothing, Footwear  Text Fields – next to Name, Price, Stock Level, Size | As expected | Pass | See image 22. |
| 23 | Once logged in as a Staff member, on the Staff home page click the “Log Out” button | Main menu will appear with 3 buttons and a label:  Label – Main Menu  Buttons – Staff Log In, Customer Log In, View Products | As expected | Pass | See image 23. |

**Appendix**

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| Image 1) | Image 2) |
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| Image 3) | Image 4) |
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| Image 5) | Image 6) |
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| Image 7) | Image 8) |
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| Image 9) | Image 10) |
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| Image 11) | Image 12) |
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| Image 13) | Image 14) |
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| Image 15) | Image 16) |
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| Image 17) | Image 18) |
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| Image 19) | Image 20) |
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| Image 21) | Image 22) |
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| Image 23) |  |
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