

| Project Name: Wholesale Management System(Shoes)  |  | Test Designed by: Noor Uddin Md Mursalin   |                |                    |
|---|--|--|----------------|--------------------|
| Test Case ID: TC_5  |  | Test Designed date: 14/01/2026   |                |                    |
| Test Priority (Low, Medium, High): Medium   |  | Test Executed by: Noor Uddin Md Mursalin   |                |                    |
| Module Name: Inventory Management   |  | Test Execution date: 20/01/2026  |                |                    |
| Test Title: Verify inventory stock update   |  |  |                |                    |
| Description: Tests automatic stock updates after sales or returns                             |  |  |                |                    |
| Precondition: Product exists with available stock   |  |  |                |                    |
| Dependence: : Product creation (TC-3)   |  |  |                |                    |
| Test Steps  | Test Data  | Expected Results   | Actual Results | Status (Pass/Fail) |
| 1. Select product from inventory<br>2. Sell product<br>3. Confirm sale                        | Product: <i>Nike Air Max</i><br>Initial Stock: 100 units<br>Sold Quantity: 50 units    | The system should reduce the product stock from 100 units to 50 units after the sale is completed.             | As expected    | Pass               |
| 1. Select product from inventory<br>2. Process product return<br>3. Confirm return            | Product: <i>Nike Air Max</i><br>Current Stock: 50 units<br>Returned Quantity: 20 units | The system should increase the product stock from 50 units to 70 units after the return is processed.          | As expected    | Pass               |
| 1. Select product from inventory<br>2. Enter invalid quantity<br>3. Attempt to confirm update | Product: <i>Nike Air Max</i><br>Entered Quantity: -50 units                            | The system should display an error message and prevent updating inventory when an invalid quantity is entered. | As expected    | Pass               |

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| Test Case ID: TC_6  |   | Test Designed date: 14/01/2026  |                |                    |
| Test Priority (Low, Medium, High): Low  |   | Test Executed by: Noor Uddin Md Mursalin  |                |                    |
| Module Name: Inventory Alerts   |   | Test Execution date: 20/01/2026   |                |                    |
| Test Title: Low stock alert notification  |   |   |                |                    |
| Description: Tests alert generation when stock falls below minimum level  |   |   |                |                    |
| Precondition: Stock threshold set   |   |   |                |                    |
| Dependence: Inventory tracking  |   |   |                |                    |
| Test Steps  | Test Data   | Expected Results  | Actual Results | Status (Pass/Fail) |
| 1. Select a product from inventory<br>2. Reduce stock quantity below minimum level<br>3. Save inventory changes | Product: <i>Adidas Ultraboost</i><br>Initial Stock: 30 units<br>Minimum Threshold: 10 units<br>Updated Stock: 5 units | The system should automatically generate a low-stock alert when the product quantity falls below the defined threshold. | As expected    | Pass               |
| 1. Open the dashboard<br>2. Navigate to the inventory alerts section<br>3. Review alert notifications           | Dashboard: Inventory Alerts Panel<br>Alert Type: Low Stock Alert  | The system should display the low-stock alert clearly on the dashboard for the affected product.                        | As expected    | Pass               |
| 1. Select the low-stock product<br>2. Restock the product quantity<br>3. Save updated inventory                 | Product: <i>Adidas Ultraboost</i><br>Current Stock: 5 units<br>Restock Quantity: 50 units                             | The system should remove the low-stock alert once the product quantity rises above the minimum threshold.               | As expected    | Pass               |

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| Project Name: Wholesale Management System(Shoes)  |  |  | Test Designed by: Noor Uddin Md Mursalin |                    |
| Test Case ID: TC_7  |  |  | Test Designed date: 14/01/2026           |                    |
| Test Priority (Low, Medium, High): High   |  |  | Test Executed by: Noor Uddin Md Mursalin |                    |
| Module Name: Order Management   |  |  | Test Execution date: 20/01/2026          |                    |
| Test Title: Create order  |  |  |  |                    |
| Description: Tests order creation by Retailer or Shop Manager   |  |  |  |                    |
| Precondition: User must be logged in as Retailer or Shop Manager  |  |  |  |                    |
| Dependence: Product and inventory availability  |  |  |  |                    |
| Test Steps  | Test Data  | Expected Results   | Actual Results                           | Status (Pass/Fail) |
| 1. Select customer and products<br>2. Enter order quantities<br>3. Confirm order                              | Product: <i>Nike Air Max</i><br>Available Stock: 100 units<br>Ordered Quantity: 10 units | The system should successfully create a new order and store it in the order list with correct item details.  | As expected                              | Pass               |
| 1. Select customer and products<br>2. Enter quantity exceeding available stock<br>3. Attempt to confirm order | Product: <i>Nike Air Max</i><br>Available Stock: 20 units<br>Ordered Quantity: 50 units  | The system should prevent order creation and display an error message indicating insufficientthmen the requested quantity exceeds available stock. | As expected                              | Pass               |
| 1. Select customer and products<br>2. Enter an invalid product ID<br>3. Attempt to confirm order              | Product ID: 999<br>Ordered Quantity: 5 units   | The system should display an error message and block order creation when an invalid product is selected.   | As expected                              | Pass               |

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| Project Name: Wholesale Management System(Shoes)  |  | Test Designed by: Noor Uddin Md Mursalin   |                |                    |
| Test Case ID: TC_8  |  | Test Designed date: 14/01/2026   |                |                    |
| Test Priority (Low, Medium, High): Medium   |  | Test Executed by: Noor Uddin Md Mursalin   |                |                    |
| Module Name: Order Management   |  | Test Execution date: 20/01/2026  |                |                    |
| Test Title: Cancel order  |  |  |                |                    |
| Description: Tests cancellation rules for pending and completed orders                              |  |  |                |                    |
| Precondition: Order exists in the system.   |  |  |                |                    |
| Dependence: Order creation (TC-7)   |  |  |                |                    |
| Test Steps  | Test Data                                | Expected Results   | Actual Results | Status (Pass/Fail) |
| 1. Search for a pending order<br>2. Click the cancel option<br>3. Confirm order cancellation        | Order ID: 101<br>Order Status: Pending   | The system should successfully cancel the pending order and update its status to cancelled.                          | As expected    | Pass               |
| 1. Search for a delivered order<br>2. Click the cancel option<br>3. Attempt to confirm cancellation | Order ID: 102<br>Order Status: Delivered | The system should block the cancellation and display a message indicating that delivered orders cannot be cancelled. | As expected    | Pass               |
| 1. Search for an order using ID<br>2. Attempt to cancel the order<br>3. Confirm cancellation action | Order ID: 999<br>Order Status: Not Found | The system should display an error message stating that the order does not exist and prevent cancellation.           | As expected    | Fail               |

