

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 2. Sell product 3. Confirm sale	Product: <i>Nike Air Max</i> Initial Stock: 100 units 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 2. Process product return 3. Confirm return	Product: <i>Nike Air Max</i> Current Stock: 50 units 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 2. Enter invalid quantity 3. Attempt to confirm update	Product: <i>Nike Air Max</i> Entered Quantity: -50 units	The system should display an error message and prevent updating inventory when an invalid quantity is entered.	As expected	Pass

Project Name: Wholesale Management System(Shoes)		Test Designed by: Noor Uddin Md Mursalin					
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 2. Reduce stock quantity below minimum level 3. Save inventory changes	Product: <i>Adidas Ultraboost</i> Initial Stock: 30 units Minimum Threshold: 10 units 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 2. Navigate to the inventory alerts section 3. Review alert notifications	Dashboard: Inventory Alerts Panel 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 2. Restock the product quantity 3. Save updated inventory	Product: <i>Adidas Ultraboost</i> Current Stock: 5 units Restock Quantity: 50 units	The system should remove the low-stock alert once the product quantity rises above the minimum threshold.	As expected	Pass			

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 2. Enter order quantities 3. Confirm order	Product: <i>Nike Air Max</i> Available Stock: 100 units 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 2. Enter quantity exceeding available stock 3. Attempt to confirm order	Product: <i>Nike Air Max</i> Available Stock: 20 units Ordered Quantity: 50 units	The system should prevent order creation and display an error message indicating insufficient stock. The requested quantity exceeds available stock.	As expected	Pass			
1. Select customer and products 2. Enter an invalid product ID 3. Attempt to confirm order	Product ID: 999 Ordered Quantity: 5 units	The system should display an error message and block order creation when an invalid product is selected.	As expected	Pass			

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 2. Click the cancel option 3. Confirm order cancellation	Order ID: 101 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 2. Click the cancel option 3. Attempt to confirm cancellation	Order ID: 102 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 2. Attempt to cancel the order 3. Confirm cancellation action	Order ID: 999 Order Status: Not Found	The system should display an error message stating that the order does not exist and prevent cancellation.	As expected	Fail			

