Test Case ID	Test Case Description Verify login with valid	Preconditions	Test Steps	Result
TC-001	credentials	User has a valid account	1. Go to login page 2.Enter valid user name and password 3.click on "login" button	Pass
TC-002	Verify login with invalid credentials	User is on login page	Enter invalid username or password Click on "Login" Enter a valid product name in	Pass
TC-003	Verify search functionality	User is logged in	search bar 2. Click on search	Pass
TC-004	Verify add to cart functionality Verify remove from cart	ser is logged in and a product page is opened	1. Click on "Add to Cart" for a product	Pass
Tc-005	functionality	Cart has at least one item	Go to cart Click on "Remove" button next to an item	Pass
TC-006	Verify product quantity update in cart	Cart has at least one item	Go to cart Change the quantity of an item	Pass
TC-007	Verify wishlist functionality	User is logged in and on a product page	1. Click on "Add to Wishlist"	Pass
TC-008	Verify checkout	Cart has at least one item	Go to cart Click on "Checkout"	Pass
TC-009	Verify payment with valid credit card	User is on payment page	 Select credit card as payment method Enter valid card details Click "Pay" 	Pass
TC-010	Verify payment with invalid credit card	User is on payment page	Select credit card as payment method Enter invalid card details	Pass
TC-011	Verify guest checkout	User is not logged in	3. Click "Pay" 1. Add items to cart 2. Proceed to checkout without logging in	Pass
TC-012	Verify search with no results	User is logged in	Enter a random or invalid product name Click on search	Pass
TC-013	Verify product details page	User is logged in and on a product listing page	1. Click on a product link	Pass
TC-014	Verify order history page	User has previous orders	Go to account settings Navigate to order history	Pass
TC-015	Verify product rating and review functionality	User is on a product page	Scroll to the review section Submit a review	Pass
TC-016	Verify filter options in search	User is logged in and on search results page	1. Apply filters like price, rating, and brand	Pass
TC-017	Verify sorting functionality in search results Verify address book	User is logged in and on search results page	1. Apply sorting by price, popularity, etc.	Pass
TC-018	functionality	User is logged in	1. Go to account settings	Pass
TC-019	Verify logout functionality Verify forgotten password	User is logged in	Add, edit, or delete an address Click on "Logout"	Pass
TC-020	functionality	User is on login page	Click on "Forgot Password" Enter registered email Click on "Submit"	Pass