Manual Test Cases

TestCase1: User Registration and Login

Prerequisite: User is navigated to Magento Software Testing website

Priority: High

| Step No | Test Step | Expected Results |
| --- | --- | --- |
| 1 | User clicks on “Create an Account” | User is redirected to registration page |
| 2 | User adds all the required details in the form and clicks Create an Account button | User is registered successfully and is navigated to dashboard |
| 3 | Click signout from customer menu options | User is signed out successfully. |
| 4. | Click Sign in and enter user email id and password | User should be signed in successfully and is directed to accounts dashboard |
|  |  |  |

TestCase2: Login with Invalid Credentials

Prerequisite: User is navigated to Magento Software Testing website

Priority: High

| Step No | Test Step | Expected Results |
| --- | --- | --- |
| 1 | User clicks on “Sign In” | User is redirected to the Customer Login Screen. |
| 2 | User enters incorrect email id and password |  |
| 3 | User clicks Sign in | Error message is displayed stating “The account sign-in was incorrect or your account is disabled temporarily. Please wait and try again later.” |

TestCase3: Product Search functionality

Prerequisite: User is navigated to Magento Software Testing website

Priority: Medium

| Step No | Test Step | Expected Results |
| --- | --- | --- |
| 1. | User searches for a product in search bar (eg: watch) | Search results for watches are displayed. |
| 2. | Sort results by Price (ascending order) | Products are sorted properly |
| 3 | Select a product | Product detail page should open. |

TestCase4: Add Product to Cart and Verify Cart Functionality

Prerequisite: User is logged in.

Priority: High

| Step No | Test Step | Expected Results |
| --- | --- | --- |
| 1. | Navigate to category (e.g., Men > Tops > Jackets) | Product listing page is displayed |
| 2. | Click on any product, select size and color | Product page updates with selections |
| 3. | Click on “Add to Cart” | Confirmation message shown that the product is added in cart and cart items count gets updated |
| 4. | Click on cart icon | Cart previews open and verify the item is in the cart |
| 5 | Click on “View and Edit Cart” | Shopping cart is displayed. |
| 6 | Update the product quantity and click on update shopping cart | Product quantity and price updated accordingly |
| 7 | Remove the product from cart | Cart updates and shows the cart is empty |

TestCase5: Verify user can complete checkout process

Prerequisite: User is logged in and has products in cart.

Priority: High

| Step No | Test Step | Expected Results |
| --- | --- | --- |
| 1. | Click on the cart icon and then “Proceed to Checkout” | User is redirected to shipping details page |
| 2. | User enters shipping information and click next | User is navigated to payment method screen |
| 3 | User selects payment method and places order | Purchase complete and order number is generated |

Performance Testing:

I would focus on the **checkout process** and the **product listing page**, as both are critical user flows. A slow or unstable checkout experience directly impacts revenue, while delays in product browsing can reduce user engagement and increase bounce rates.

Tools: Jmeter

Performance metrics: I would monitor the response time, throughput, error rate and server resource utilization.

Testcase1: Checkout load test

Parameters:

1. add concurrent users: 50, 100
2. Ramp up period: increase users gradually in 10 mins.
3. Test duration: 60 mins

Steps:

1. Select a product
2. Add it to cart
3. Checkout
4. Add shipping details and place order

Results:

1. Measure response time, how the site handles concurrent users. There should be no 500 errors displayed and throughput/resource utilization should be within the limits

Testcase2: Product listing page load test

Parameters:

1. add concurrent users: 50, 100
2. Ramp up period: increase users gradually in 10 mins.
3. Test duration: 60 mins

Steps:

1. Navigate to homepage
2. Select category: Mens-> Tops -> Jackets
3. View product listing page
4. Sort products
5. Scroll down to view more products

Expected Results:

1. Product listing should load under 2 seconds in peak load and there should be no server timeout or 500 server errors displayed.