

Test Case 1: Homepage Navigation

Test Case ID: TC001

Objective: To verify that the homepage of the e-commerce website loads correctly and all navigation links are functional.

Preconditions:

1. The browser is open and navigated to the Amazon website.
2. The user is on the homepage of Amazon.

Test Steps:

1. Verify that the Amazon logo is displayed on the top-left corner of the homepage.
2. Click on the "Best Sellers" link from the top navigation bar.
3. Verify that the user is redirected to the "Best Sellers" page.
4. Go back to the homepage.
5. Click on the "Hello, sign in Account & Lists" link and select "Your Orders" from the drop-down menu.
6. Verify that the user is redirected to the "Sign in" page.

Expected Results:

1. The Amazon logo should be visible on the homepage.
2. The "Best Sellers" page should load without any errors.
3. The user should return to the homepage after clicking the back button.
4. The "Sign in" page should load successfully.

Test Case 2: Search Functionality - Basic Search

Test Case ID: TC002

Objective: To verify that users can search for products on Amazon using the search bar.

Preconditions:

1. The browser is open and navigated to the Amazon website.
2. The user is on the homepage of Amazon.

Test Steps:

1. Enter a valid product name in the search bar e.g "wireless mouse".
2. Click on the magnifying glass icon or press "Enter" to initiate the search.
3. Wait for the search results page to load.

Expected Results:

1. The search results page should display relevant products related to the entered search query.

2. The product names, images, and prices should match the search query and be displayed correctly.
3. The search query should be highlighted or displayed clearly on the search results page to confirm the correct search term was used.

Test Case 3: Product Details Page Validation

Test Case ID: TC003

Objective: To verify that the product details page displays accurate information about a selected product.

Preconditions:

1. The browser is open and navigated to the Amazon website.
2. The user is on the homepage of Amazon.

Test Steps:

1. Enter a valid product name in the search bar and initiate the search.
2. Click on a product from the search results to view its details page.
3. Verify that the product title, price, and product description are displayed correctly.
4. Check for product images and ensure they are relevant to the selected product.

Expected Results:

1. The product details page should show accurate information about the selected product.
2. The product title, price, and description should match the search query and be displayed correctly.
3. Relevant product images should be shown on the details page.

Test Case 4: Add to Cart Functionality

Test Case ID: TC004

Objective: To verify that users can add products to the shopping cart successfully.

Preconditions:

1. The browser is open and navigated to the Amazon website.
2. The user is on the homepage of Amazon.

Test Steps:

1. Enter a valid product name in the search bar and initiate the search.
2. Click on a product from the search results to view its details page.
3. Click on the "Add to Cart" button on the product details page.
4. Go to the shopping cart page by clicking on the cart icon in the top-right corner.

Expected Results:

1. The selected product should be added to the shopping cart without any errors.

2. The shopping cart page should display the added product with its correct details.

Test Case 5: Checkout Process - Guest User

Test Case ID: TC005

Objective: To verify that guest users can successfully complete the checkout process.

Preconditions:

1. The browser is open and navigated to the Amazon website.
2. The user is on the homepage of Amazon.

Test Steps:

1. Enter a valid product name in the search bar and initiate the search.
2. Click on a product from the search results to view its details page.
3. Click on the "Add to Cart" button on the product details page.
4. Go to the cart page by clicking on the cart icon in the top-right corner.
5. Click on the "Proceed to Checkout" button.
6. Enter valid shipping and payment information.
7. Complete the checkout process and place the order.

Expected Results:

1. The guest user should be able to add products to the cart and proceed to checkout.
2. The checkout process should be smooth and error-free.
3. The order confirmation page should be displayed after placing the order.

Test Case 6: User Account Creation

Test Case ID: TC006

Objective: To verify that new users can create an account successfully.

Preconditions:

1. The browser is open and navigated to the Amazon website.
2. The user is on the homepage of Amazon.

Test Steps:

1. Click on the "Hello, Sign in" link at the top-right corner of the homepage.
2. Click on the "Create your Amazon account" button.
3. Fill in the required details in the registration form (name, email, password, etc.).
4. Click on the "Create your Amazon account" button to submit the registration form.

Expected Results:

1. The user registration form should be displayed without any errors.

2. The user should be able to enter all the required details and create an account successfully.
3. After registration, the user should be redirected to the Amazon homepage with their name displayed in the top-right corner.

Test Case 7: User Login

Test Case ID: TC007

Objective: To verify that registered users can log in to their accounts.

Preconditions:

1. The browser is open and navigated to the Amazon website.
2. The user is on the homepage of Amazon.

Test Steps:

1. Click on the "Hello, Sign in" link at the top-right corner of the homepage.
2. Enter the registered email and password.
3. Click on the "Sign-In" button to log in.

Expected Results:

1. The login page should be displayed without any errors.
2. The user should be able to enter valid login credentials and log in successfully.
3. After login, the user should be redirected to the Amazon homepage with their name displayed in the top-right corner.

Test Case 8: User Account Management - Update Information

Test Case ID: TC008

Objective: To verify that users can update their account information.

Preconditions:

1. The browser is open and navigated to the Amazon website.
2. The user is on the homepage of Amazon.

Test Steps:

1. Click on the "Hello, Username" link at the top-right corner of the homepage.
2. Select "Your Account" from the drop-down menu.
3. Navigate to the "Your Account" page.
4. Click on the "Edit Your Account Settings" button.
5. Update any desired account information (e.g., address, payment settings).
6. Click on the "Save changes" button to save the updates.

Expected Results:

1. The "Your Account" page should load without any errors.
2. The user should be able to navigate to the account settings page.

3. Any changes made to the account information should be saved successfully.

Test Case 9: Wishlist Functionality

Test Case ID: TC009

Objective: To verify that users can add products to their wishlist.

Preconditions:

1. The browser is open and navigated to the Amazon website.
2. The user is on the homepage of Amazon.

Test Steps:

1. Enter a valid product name in the search bar and initiate the search.
2. Click on a product from the search results to view its details page.
3. Click on the "Add to List" drop-down menu on the product details page.
4. Select "Create a new list" and enter a name for the new wishlist.
5. Click on the "Create list" button.
6. Go to the "Your Lists" page and verify the newly created wishlist is displayed.

Expected Results:

1. The user should be able to add products to their wishlist without any errors.
2. The newly created wishlist should be listed on the "Your Lists" page.

Test Case 10: Logout Functionality

Test Case ID: TC010

Objective: To verify that users can successfully log out of their accounts.

Preconditions:

1. The browser is open and navigated to the Amazon website.
2. The user is logged in to their Amazon account.

Test Steps:

1. Click on the "Hello, Username" link at the top-right corner of the homepage.
2. Click on the "Sign Out" link.

Expected Results:

1. The user should be able to log out of their account without any errors.
2. After logout, the user should be redirected to the Amazon homepage or the login page.

Count of Bugs/Issues found : 0

