

* 3 Test case for each

Chamath – 4, 5, 6

Hasin – 7, 8, 9

Jin – 1, 2, 3

Jon – 10, 11, 12

Mahi – 13, 14, 15

System Test Cases – LambdaTest E-commerce Playground

This document contains 15 detailed system test cases designed for the website <https://ecommerce-playground.lambdatest.io/index.php?route=common/home>. Each test case includes the function, objective, steps, test data, expected result, and priority. These can be executed manually or automated using TestCafe.

T001 - User Registration (Happy Path)

Objective: Verify that a new user can successfully register using valid information.

Steps:

- - Navigate to the Register page.
- - Fill in First Name, Last Name, Email, Telephone, Password, Confirm Password.
- - Accept the Privacy Policy and submit the form.

Expected Result: User account is created successfully, redirected to My Account page, and success message is displayed.

Priority: High

T002 - User Registration (Missing Required Fields)

Objective: Ensure the system prevents registration when required fields are missing.

Steps:

- - Navigate to Register page.
- - Leave First Name empty.
- - Fill in other fields and submit.

Expected Result: An inline validation error appears under the missing field; registration is blocked.

Priority: High

T003 - User Registration with Existing Email

Objective: Ensure duplicate registration with an existing email is not allowed.

Steps:

- - Navigate to Register page.
- - Use an already registered email.
- - Fill other details and submit.

Expected Result: Error message displayed stating the email is already registered.

Priority: Medium

T004 - User Login (Valid Credentials)

Objective: Verify that registered users can log in using valid credentials.

Steps:

- - Navigate to Login page.
- - Enter valid email and password.
- - Submit the login form.

Expected Result: User successfully logged in and redirected to My Account dashboard.

Priority: High

T005 - User Login (Invalid Credentials)

Objective: Ensure login fails for invalid credentials.

Steps:

- - Navigate to Login page.
- - Enter valid email but incorrect password.
- - Submit login form.

Expected Result: Error message 'No match for E-Mail Address and/or Password' displayed.

Priority: High

T006 - Product Search Functionality

Objective: Verify that product search returns relevant results.

Steps:

- - Enter 'iPhone' in the search bar.
- - Click the Search button.

Expected Result: Results page displays products related to 'iPhone'.

Priority: Medium

T007 - View Product Detail Page

Objective: Ensure product detail page loads correctly when a product is selected.

Steps:

- - Search or browse products.
- - Click on a specific product to open its page.

Expected Result: Product detail page displays correct information: title, price, image, description, Add to Cart button.

Priority: Medium

T008 - Add to Cart (Guest User)

Objective: Verify that a guest user can add products to the shopping cart.

Steps:

- - Navigate to a product page.
- - Click Add to Cart.

Expected Result: Success message appears; cart count increases.

Priority: High

T009 - Update Cart Quantity

Objective: Ensure users can update product quantities in their cart.

Steps:

- - Add product to cart.
- - Navigate to Cart page.
- - Change quantity from 1 to 2 and click Update.

Expected Result: Quantity updates successfully, total recalculated.

Priority: Medium

T010 - Remove Product from Cart

Objective: Ensure user can remove an item from the cart.

Steps:

- - Add product to cart.
- - Navigate to Cart page.
- - Click Remove icon next to product.

Expected Result: Item removed successfully; empty cart message shown if no items remain.

Priority: Medium

T011 - Add to Wishlist (Logged-in User)

Objective: Ensure logged-in users can add products to their wishlist.

Steps:

- - Login to account.
- - Navigate to product page.
- - Click Add to Wishlist icon.

Expected Result: Product added successfully to Wishlist.

Priority: Low

T012 - Compare Products

Objective: Verify that users can compare multiple products side-by-side.

Steps:

- - Navigate to product listing page.

- - Click Compare on two different products.
- - Open the Comparison page.

Expected Result: Comparison page displays selected products with their details.

Priority: Low

T013 - Checkout (Guest User)

Objective: Verify that guest users can complete checkout process.

Steps:

- - Add product to cart.
- - Proceed to Checkout page.
- - Select Guest Checkout.
- - Enter billing and shipping information.
- - Confirm order.

Expected Result: Order confirmation page displayed with success message.

Priority: High

T014 - Checkout (Logged-in User)

Objective: Ensure logged-in users can complete checkout successfully.

Steps:

- - Login to account.
- - Add product to cart.
- - Proceed through Checkout steps: billing, shipping, payment, confirm.

Expected Result: Order placed successfully, redirected to Order Success page.

Priority: High

T015 - View Order History

Objective: Verify that completed orders appear under Order History for logged-in users.

Steps:

- - Login to account.
- - Navigate to My Account > Order History.

Expected Result: Recent orders displayed with correct details (order ID, date, total, status).

Priority: Medium