

# Test Case Template for Ecommerce Testing

**Test Case ID:** TC-Ecom-001

**Test Case Name:** Verify User Registration

**Test Description:** Verify that a user can successfully register on the Ecommerce website.

## Test Steps:

1. Navigate to the Ecommerce website.
2. Click on the "Sign Up" or "Register" button.
3. Fill in valid user details in the registration form (name, email, password).
4. Click the "Submit" button.
5. Verify that the user is redirected to the homepage.
6. Check the database to confirm the new user's registration.

**Expected Result:** The user is registered successfully and can log in with the provided credentials.

**Test Data:** Valid user registration details.

---

**Test Case ID:** TC-Ecom-002

**Test Case Name:** Verify Product Search

**Test Description:** Verify that users can search for products on the Ecommerce website.

## Test Steps:

1. Navigate to the Ecommerce website.

2. Enter a valid product name in the search bar.
3. Click the "Search" button.
4. Verify that the search results page displays relevant products.

**Expected Result:** The search results page shows the correct products related to the entered search term.

**Test Data:** Valid product name.

---

**Test Case ID:** TC-Ecom-003

**Test Case Name:** Verify Adding Products to Cart

**Test Description:** Verify that users can add products to their shopping cart.

**Test Steps:**

1. Navigate to the Ecommerce website.
2. Search for a product using the search bar.
3. Click on a product to view its details.
4. Click the "Add to Cart" button.
5. Open the shopping cart page.
6. Verify that the added product is displayed in the cart.

**Expected Result:** The selected product is added to the cart and is visible on the cart page.

**Test Data:** Valid product selection.

---

**Test Case ID:** TC-Ecom-004

**Test Case Name:** Verify Checkout Process

**Test Description:** Verify the process of proceeding to checkout and making a purchase.

**Test Steps:**

1. Navigate to the Ecommerce website.
2. Search for and add a product to the cart.
3. Open the cart page.
4. Click the "Proceed to Checkout" button.
5. Fill in valid shipping and billing information.
6. Select a payment method (credit card, PayPal, etc.).
7. Complete the purchase.
8. Verify that the user receives an order confirmation.

**Expected Result:** The user is able to successfully complete a purchase and receives an order confirmation.

**Test Data:** Valid shipping and payment information.

---

**Test Case ID:** TC-Ecom-005

**Test Case Name:** Verify User Account Management

**Test Description:** Verify user account management functionalities.

**Test Steps:**

1. Navigate to the Ecommerce website.

2. Log in to an existing user account.
3. Access the user account dashboard.
4. Verify options to edit account information (name, email, password).
5. Verify order history and tracking options.

**Expected Result:** The user can log in, access the account dashboard, and manage account details and order history.

**Test Data:** Valid user account credentials.

---

**Test Case ID:** TC-Ecom-006

**Test Case Name:** Verify Payment Processing

**Test Description:** Verify the processing of payment for an order.

**Test Steps:**

1. Navigate to the Ecommerce website.
2. Search for and add a product to the cart.
3. Proceed to checkout and fill in shipping information.
4. Choose a payment method (e.g., credit card).
5. Enter valid payment details.
6. Complete the purchase.
7. Verify that the payment is processed successfully.

**Expected Result:** The payment is processed without errors, and the user receives an order confirmation.

**Test Data:** Valid product, shipping, and payment information.

---