

To conduct black box testing on the checkout process of ShopEase some test cases are:

Guest Checkout:

Proceed with checkout without logging in as a registered user.

The system should allow guest checkout, prompting the user to provide necessary information such as shipping address and payment details without requiring account creation.

User Authentication:

Proceed with checkout while logged in as a registered user.

The system should recognize the logged-in user and pre-fill their shipping and payment information if available, providing a smoother checkout experience.

Navigation Flow:

Navigate through each step of the checkout process. The system should provide clear navigation options and progress indicators, guiding the user seamlessly through each step of the checkout process.

Input Validation:

Attempt to proceed with incomplete or invalid information in the checkout form fields like missing shipping address, invalid credit card number.

The system should validate user inputs in real-time, providing appropriate error messages for any missing or incorrect information and preventing progression until all required fields are correctly filled.

Shipping Options:

Select different shipping options during checkout.

The system should accurately calculate shipping costs and provide estimated delivery dates for each available shipping option, allowing the user to choose the preferred shipping method.

Payment Methods:

Test various payment methods during checkout.

The system should securely process payments using different payment methods, providing clear instructions and feedback to the user throughout the payment process.

Order Summary Review:

Review the order summary before finalizing the purchase.

The system should display a comprehensive order summary, including item details, quantities, prices, shipping costs, and total amount, enabling the user to review their order before completing the purchase.

Confirmation Page:

Complete the checkout process and verify the confirmation page.

The system should display a confirmation page confirming the successful completion of the order, including an order number and any relevant details.

Cross-Browser and Device Testing:

Perform checkout process testing across different web browsers e.g. Chrome, Firefox, Safari and devices e.g., desktop, mobile, tablet.

The system should maintain consistent functionality and appearance across various browsers and devices, ensuring a seamless checkout experience for users regardless of their preferred platform.