

# Test Cases Document

## Tricentis Demo Web Shop

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**Total Test Cases:** 40

### Test Case Summary

Category	Test Cases	Coverage
Functional Testing	TC001 - TC020	50%
Usability Testing	TC021 - TC026	15%
UI/UX Testing	TC027 - TC032	15%
Boundary/Negative Testing	TC033 - TC040	20%
Total	40	100%

### Legend

Field	Description
TC ID	Unique Test Case Identifier
Priority	High / Medium / Low
Pre-conditions	Required state before test
Test Steps	Numbered steps to execute
Expected Result	What should happen
Actual Result	What actually happened (fill during execution)
Status	Pass / Fail / Blocked / Not Executed
Evidence	Screenshot filename

## FUNCTIONAL TESTING (TC001 - TC020)

### TC001: Valid User Registration

Field	Details
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Field	Details
TC ID	TC001
Module	User Management
Title	Verify successful user registration with valid data
Priority	High
Type	Functional
Pre-conditions	User is not logged in, on homepage

Test Steps:

1. Navigate to <https://demowebshop.tricentis.com/>
2. Click on "Register" link in header
3. Select Gender (Male/Female)
4. Enter First Name: "Lakindu"
5. Enter Last Name: "DeSilva"
6. Enter Email: "lakindu.test@email.com"
7. Enter Password: "Test@123"
8. Enter Confirm Password: "Test@123"
9. Click "Register" button

Expected Result:

- Registration successful message displayed
- User is redirected to registration complete page
- "Continue" button is available

Actual Result	Status	Evidence
Registration completed successfully. User redirected to confirmation page with "Your registration completed" message displayed.	<div><input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail</div>	TC001_registration.png

TC002: Registration with Existing Email (Negative)

Field	Details
TC ID	TC002
Module	User Management
Title	Verify registration fails with already registered email
Priority	High
Type	Functional - Negative
Pre-conditions	Email already registered in system

Test Steps:

- 1. Navigate to <https://demowebshop.tricentis.com/register>
- 2. Select Gender: Male
- 3. Enter First Name: "Test"
- 4. Enter Last Name: "User"
- 5. Enter Email: "lakindu.test@email.com" (existing email)
- 6. Enter Password: "Test@123"
- 7. Enter Confirm Password: "Test@123"
- 8. Click "Register" button

Expected Result:

- Error message displayed: "The specified email already exists"
- User remains on registration page
- Registration is not completed

Actual Result	Status	Evidence
Error message "The specified email already exists" displayed correctly. User remained on registration page.	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	TC002_duplicate_email.png

TC003: Registration with Invalid Email Format (Negative)

Field	Details
TC ID	TC003
Module	User Management
Title	Verify registration fails with invalid email format
Priority	High
Type	Functional - Negative
Pre-conditions	User is on registration page

Test Steps:

- 1. Navigate to <https://demowebshop.tricentis.com/register>
- 2. Enter First Name: "Test"
- 3. Enter Last Name: "User"
- 4. Enter Email: "invalid-email-format"
- 5. Enter Password: "Test@123"
- 6. Enter Confirm Password: "Test@123"
- 7. Click "Register" button

Expected Result:

- Error message displayed indicating invalid email format
- User remains on registration page

Actual Result	Status	Evidence
Error message "Wrong email" displayed when invalid email format entered. Registration prevented as expected.	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	TC003_invalid_email.png

## TC004: Registration with Mismatched Passwords (Negative)

Field	Details
TC ID	TC004
Module	User Management
Title	Verify registration fails when passwords don't match
Priority	High
Type	Functional - Negative
Pre-conditions	User is on registration page

### Test Steps:

1. Navigate to <https://demowebshop.tricentis.com/register>
2. Enter First Name: "Test"
3. Enter Last Name: "User"
4. Enter Email: "test.user@email.com"
5. Enter Password: "Test@123"
6. Enter Confirm Password: "Different@456"
7. Click "Register" button

### Expected Result:

- Error message: "The password and confirmation password do not match"
- User remains on registration page

Actual Result	Status	Evidence
Error message "The password and confirmation password do not match" displayed. User remained on registration page.	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	TC004_password_mismatch.png

## TC005: Valid User Login

Field	Details
TC ID	TC005
Module	User Management
Title	Verify successful login with valid credentials

Field	Details
Priority	High
Type	Functional
Pre-conditions	User account exists

Test Steps:

1. Navigate to <https://demowebshop.tricentis.com/login>
2. Enter Email: "lakindu.test@email.com"
3. Enter Password: "Test@123"
4. Click "Log in" button

Expected Result:

- User successfully logged in
- Header shows user email instead of "Log in" link
- "Log out" link appears in header

Actual Result	Status	Evidence
Login successful. User email displayed in header and "Log out" link appeared as expected.	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	TC005_login_success.png

TC006: Login with Invalid Credentials (Negative)

Field	Details
TC ID	TC006
Module	User Management
Title	Verify login fails with incorrect password
Priority	High
Type	Functional - Negative
Pre-conditions	User is on login page

Test Steps:

1. Navigate to <https://demowebshop.tricentis.com/login>
2. Enter Email: "test@email.com"
3. Enter Password: "WrongPassword123"
4. Click "Log in" button

Expected Result:

- Error message displayed: "Login was unsuccessful. Please correct the errors and try again."
- "No customer account found" or similar message shown

- User remains on login page

Actual Result	Status	Evidence
Error message "Login was unsuccessful" with "No customer account found" displayed. User remained on login page.	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	TC006_login_fail.png

## TC007: Login with Empty Fields (Negative)

Field	Details
TC ID	TC007
Module	User Management
Title	Verify login validation for empty fields
Priority	Medium
Type	Functional - Negative
Pre-conditions	User is on login page

### Test Steps:

1. Navigate to <https://demowebshop.tricentis.com/login>
2. Leave Email field empty
3. Leave Password field empty
4. Click "Log in" button

### Expected Result:

- Error message displayed for required fields
- User remains on login page

Actual Result	Status	Evidence
Validation error displayed for empty email field. Login prevented and user remained on login page.	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	TC007_empty_login.png

## TC008: User Logout

Field	Details
TC ID	TC008
Module	User Management
Title	Verify successful logout
Priority	High
Type	Functional

Field	Details
Pre-conditions	User is logged in

Test Steps:

- 1. Ensure user is logged in (email shown in header)
- 2. Click "Log out" link in header
- 3. Observe page state

Expected Result:

- User is logged out
- Header shows "Log in" link instead of email
- "Register" link reappears

Actual Result	Status	Evidence
Logout successful. "Log in" and "Register" links reappeared in header. User session ended correctly.	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	TC008_logout.png

TC009: Search for Existing Product

Field	Details
TC ID	TC009
Module	Product Search
Title	Verify search returns relevant products
Priority	High
Type	Functional
Pre-conditions	User is on any page with search box

Test Steps:

- 1. Navigate to <https://demowebshop.tricentis.com/>
- 2. Enter "laptop" in search box
- 3. Click "Search" button

Expected Result:

- Search results page displayed
- Products containing "laptop" in name/description shown
- "14.1-inch Laptop" product appears in results

Actual Result	Status	Evidence
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Actual Result	Status	Evidence
Search returned relevant results. "14.1-inch Laptop" product displayed in search results as expected.	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	TC009_search_laptop.png

TC010: Search with No Results (Negative)

Field	Details
TC ID	TC010
Module	Product Search
Title	Verify appropriate message when no products found
Priority	Medium
Type	Functional - Negative
Pre-conditions	User is on any page with search box

Test Steps:

- 1. Navigate to <https://demowebshop.tricentis.com/>
- 2. Enter "xyznonexistent123" in search box
- 3. Click "Search" button

Expected Result:

- Search results page displayed
- Message: "No products were found that matched your criteria"
- No product listings shown

Actual Result	Status	Evidence
"No products were found that matched your criteria" message displayed correctly. No products shown.	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	TC010_search_no_results.png

TC011: Browse Category Products

Field	Details
TC ID	TC011
Module	Product Browsing
Title	Verify category navigation displays products
Priority	High
Type	Functional
Pre-conditions	User is on homepage

Test Steps:

- 1. Navigate to <https://demowebshop.tricentis.com/>
- 2. Click on "Books" category in main menu
- 3. Observe products displayed

Expected Result:

- Books category page loads
- Book products are displayed in grid/list view
- Page title shows "Books"
- Breadcrumb shows: Home / Books

Actual Result	Status	Evidence
Books category page loaded successfully. Products displayed in grid view with correct breadcrumb "Home / Books".	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	TC011_browse_books.png

TC012: Filter Products by Price

Field	Details
TC ID	TC012
Module	Product Browsing
Title	Verify price filter functionality
Priority	Medium
Type	Functional
Pre-conditions	User is on category page with price filter

Test Steps:

- 1. Navigate to <https://demowebshop.tricentis.com/books>
- 2. Click on "Under \$25.00" price filter in sidebar
- 3. Observe filtered results

Expected Result:

- Only products priced under \$25.00 are displayed
- URL updates with price filter parameter
- Filter can be removed

Actual Result	Status	Evidence
Price filter applied successfully. Only products under \$25.00 displayed. Filter removable via "Remove Filter" link.	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	TC012_price_filter.png

TC013: Sort Products by Price

Field	Details
TC ID	TC013
Module	Product Browsing
Title	Verify sort by price functionality
Priority	Medium
Type	Functional
Pre-conditions	User is on category page

Test Steps:

1. Navigate to <https://demowebshop.tricentis.com/books>
2. Select "Price: Low to High" from Sort dropdown
3. Observe product order

Expected Result:

- Products re-ordered by price ascending
- Lowest priced product appears first
- Page refreshes with sorted results

Actual Result	Status	Evidence
Products sorted by price low to high correctly. Lowest priced item appeared first in the list.	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	TC013_sort_price.png

TC014: View Product Details

Field	Details
TC ID	TC014
Module	Product Details
Title	Verify product detail page displays correctly
Priority	High
Type	Functional
Pre-conditions	User is on category page

Test Steps:

1. Navigate to <https://demowebshop.tricentis.com/books>
2. Click on "Computing and Internet" product
3. Observe product detail page

Expected Result:

- Product detail page loads
- Product image displayed
- Product title, price, description visible
- "Add to cart" button available
- Reviews link visible

Actual Result	Status	Evidence
Product detail page loaded with image, title, price, description, and "Add to cart" button. Reviews link visible.	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	TC014_product_detail.png

## TC015: Add Simple Product to Cart

Field	Details
TC ID	TC015
Module	Shopping Cart
Title	Verify adding simple product to cart
Priority	High
Type	Functional
Pre-conditions	User is on product detail page

### Test Steps:

1. Navigate to <https://demowebshop.tricentis.com/computing-and-internet>
2. Verify quantity is set to 1
3. Click "Add to cart" button
4. Observe notification and cart count

### Expected Result:

- Success message: "The product has been added to your shopping cart"
- Cart count in header increases
- Product visible in cart dropdown

Actual Result	Status	Evidence
"The product has been added to your shopping cart" message displayed. Cart count increased and product visible.	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	TC015_add_simple_product.png

## TC016: Add Configurable Product to Cart

Field	Details
TC ID	TC016

Field	Details
Module	Shopping Cart
Title	Verify adding configurable product with options
Priority	High
Type	Functional
Pre-conditions	User is on configurable product page

Test Steps:

1. Navigate to <https://demowebshop.tricentis.com/build-your-own-computer>
2. Select Processor: "2.5 GHz Intel Pentium Dual-Core E2200"
3. Select RAM: "4GB"
4. Select HDD: "320 GB"
5. Select OS: "Windows 10"
6. Check Software: "Microsoft Office"
7. Click "Add to cart" button

Expected Result:

- Success message displayed
- Cart count increases
- Product in cart shows selected configuration
- Price reflects selected options

Actual Result	Status	Evidence
Configurable product added successfully with selected options. Cart displayed correct configuration and updated price.	<div><input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail</div>	TC016_add_configurable.png

TC017: Update Product Quantity in Cart

Field	Details
TC ID	TC017
Module	Shopping Cart
Title	Verify quantity update in shopping cart
Priority	High
Type	Functional
Pre-conditions	Cart has at least one product

Test Steps:

- 1. Navigate to <https://demowebshop.tricentis.com/cart>
- 2. Change quantity from 1 to 3
- 3. Click "Update shopping cart" button
- 4. Observe totals

**Expected Result:**

- Quantity updated to 3
- Line total recalculated (unit price × 3)
- Cart subtotal updated accordingly

Actual Result	Status	Evidence
Quantity updated to 3 successfully. Line total and cart subtotal recalculated correctly (unit price × 3).	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	TC017_update_qty.png

TC018: Remove Product from Cart

Field	Details
TC ID	TC018
Module	Shopping Cart
Title	Verify product removal from cart
Priority	High
Type	Functional
Pre-conditions	Cart has at least one product

**Test Steps:**

- 1. Navigate to <https://demowebshop.tricentis.com/cart>
- 2. Check the "Remove" checkbox for a product
- 3. Click "Update shopping cart" button

**Expected Result:**

- Product removed from cart
- Cart count decreases
- If last product, cart shows empty message

Actual Result	Status	Evidence
Product removed from cart after checking "Remove" and clicking update. Cart count decreased accordingly.	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	TC018_remove_product.png

TC019: Apply Discount Code

Field	Details
TC ID	TC019
Module	Shopping Cart
Title	Verify discount code functionality
Priority	Medium
Type	Functional
Pre-conditions	Cart has products, valid discount code available

Test Steps:

1. Navigate to <https://demowebshop.tricentis.com/cart>
2. Enter discount code in "Discount Code" field
3. Click "Apply coupon" button
4. Observe cart totals

Expected Result:

- If valid: Discount applied and shown in totals
- If invalid: Error message displayed
- Note: Demo site may not have active coupons

Actual Result	Status	Evidence
Discount code field accepted input. Invalid code showed "The coupon code you entered couldn't be applied" message.	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	TC019_discount_code.png

TC020: Proceed to Checkout (Logged In)

Field	Details
TC ID	TC020
Module	Checkout
Title	Verify checkout process initiation
Priority	High
Type	Functional
Pre-conditions	User logged in, cart has products

Test Steps:

1. Navigate to <https://demowebshop.tricentis.com/cart>
2. Check "I agree with the terms of service"
3. Click "Checkout" button
4. Observe checkout page

Expected Result:

- Checkout page loads
- Billing address step displayed
- User can proceed with checkout steps

Actual Result	Status	Evidence
Checkout page loaded successfully after agreeing to terms. Billing address step displayed and checkout flow proceeded.	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	TC020_checkout.png

USABILITY TESTING (TC021 - TC026)

TC021: Navigation Menu Accessibility

Field	Details
TC ID	TC021
Module	Navigation
Title	Verify main navigation is accessible and intuitive
Priority	Medium
Type	Usability
Pre-conditions	User is on homepage

Test Steps:

1. Navigate to <https://demowebshop.tricentis.com/>
2. Observe main navigation menu
3. Hover over each category
4. Click on different categories

Expected Result:

- All 7 categories visible in main menu
- Categories are clearly labeled
- Navigation is consistent across pages
- Active/current category is highlighted

Actual Result	Status	Evidence
Main navigation menu is accessible and intuitive. All categories are visible, clearly labeled, consistent across pages, and the active category is highlighted as expected.	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	TC021_navigation.png

## TC022: Breadcrumb Navigation

Field	Details
TC ID	TC022
Module	Navigation
Title	Verify breadcrumb trail functionality
Priority	Medium
Type	Usability
Pre-conditions	User is on product detail page

Test Steps:

1. Navigate to <https://demowebshop.tricentis.com/build-your-own-computer>
2. Observe breadcrumb trail
3. Click on "Computers" in breadcrumb
4. Click on "Home" in breadcrumb

Expected Result:

- Breadcrumb shows: Home / Computers / Desktops / Build your own computer
- Each breadcrumb link is clickable
- Links navigate to correct pages

Actual Result	Status	Evidence
The breadcrumb trail was visible and correctly displayed the path "Home / Computers / Desktops / Build your own computer". All links in the trail were clickable and navigated to the correct pages.	<div><input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail</div>	TC022_breadcrumb.png

## TC023: Search Box Accessibility

Field	Details
TC ID	TC023
Module	Search
Title	Verify search box is easily accessible
Priority	Medium
Type	Usability
Pre-conditions	None

Test Steps:

- 1. Navigate to homepage
- 2. Navigate to category page
- 3. Navigate to product page
- 4. Navigate to cart page
- 5. Verify search box presence on each

**Expected Result:**

- Search box visible in header on all pages
- Placeholder text "Search store" is present
- Search button is clearly visible
- Search works from any page

Actual Result	Status	Evidence
The search box is visible in the header on the homepage, category page, product page, and cart page. The placeholder text "Search store" is present, the search button is clearly visible, and the search functionality works successfully from all pages.	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	TC023_search_access.png

TC024: Cart Mini-Preview Functionality

Field	Details
TC ID	TC024
Module	Shopping Cart
Title	Verify cart dropdown preview
Priority	Medium
Type	Usability
Pre-conditions	Cart has at least one product

**Test Steps:**

- 1. Add a product to cart
- 2. Hover over "Shopping cart" link in header
- 3. Observe dropdown preview
- 4. Click "Go to cart" button

**Expected Result:**

- Dropdown shows product thumbnail and name
- Subtotal displayed
- "Go to cart" button present
- Quick view of cart without page navigation

Actual Result	Status	Evidence
<p>The dropdown preview appeared successfully when hovering over the "Shopping cart" link.</p> <p>The preview correctly displayed the product thumbnail, name, and subtotal. The "Go to cart" button was present, allowing for a quick view of the cart without navigating away from the current page.</p>	<div><input checked="" type="checkbox"/> Pass</div> <div><input type="checkbox"/> Fail</div>	TC024_cart_preview.png

## TC025: Error Message Clarity

Field	Details
TC ID	TC025
Module	Forms
Title	Verify error messages are clear and helpful
Priority	Medium
Type	Usability
Pre-conditions	None

### Test Steps:

1. Navigate to registration page
2. Click Register without filling any fields
3. Observe error messages
4. Navigate to login page
5. Enter wrong password and submit
6. Observe error message

### Expected Result:

- Error messages clearly indicate what's wrong
- Messages are near the relevant field
- Messages use plain language
- Red color or icon indicates error

Actual Result	Status	Evidence
<p>Error messages were displayed clearly in plain language near the relevant fields.</p> <p>Red color/icons were present to indicate errors on both the registration and login pages, matching the expected criteria.</p>	<div><input checked="" type="checkbox"/> Pass</div> <div><input type="checkbox"/> Fail</div>	TC025_error_messages.png

## TC026: Form Field Labels and Placeholders

Field	Details
TC ID	TC026
Module	Forms
Title	Verify form fields have proper labels
Priority	Low
Type	Usability
Pre-conditions	None

Test Steps:

1. Navigate to registration page
2. Observe all form field labels
3. Navigate to contact us page
4. Observe form field labels and placeholders

Expected Result:

- All fields have visible labels
- Required fields marked with asterisk (\*)
- Placeholders provide guidance where applicable
- Labels are positioned correctly (above/beside fields)

Actual Result	Status	Evidence
All form fields displayed visible labels as expected. Required fields were correctly marked with an asterisk (*). Placeholders provided clear guidance where applicable, and all labels were positioned correctly (above or beside the fields).	<div><input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail</div>	TC026_form_labels.png

## UI/UX TESTING (TC027 - TC032)

### TC027: Homepage Layout Verification

Field	Details
TC ID	TC027
Module	Homepage
Title	Verify homepage layout and elements
Priority	Medium
Type	UI/UX

Field	Details
Pre-conditions	None

Test Steps:

1. Navigate to <https://demowebshop.tricentis.com/>
2. Verify header elements
3. Verify main navigation
4. Verify featured products section
5. Verify sidebar elements
6. Verify footer

Expected Result:

- Logo displayed in header
- Navigation menu aligned horizontally
- Featured products displayed in grid
- Sidebar contains Categories, Tags, Newsletter
- Footer contains Information, Customer Service links

Actual Result	Status	Evidence
<p>The logo is clearly displayed in the header. The navigation menu is aligned horizontally as required.</p> <p>Featured products are correctly displayed in a grid layout. The sidebar successfully displays the Categories, Tags, and Newsletter sections.</p> <p>The footer contains all expected Information and Customer Service links.</p>	<div><div><input checked="" type="checkbox"/></div><div>Pass <input type="checkbox"/></div><div>Fail</div></div>	TC027_homepage_layout.png

TC028: Product Image Display

Field	Details
TC ID	TC028
Module	Products
Title	Verify product images display correctly
Priority	Medium
Type	UI/UX
Pre-conditions	None

Test Steps:

1. Navigate to a category page (e.g., Computers)
2. Observe product thumbnails

- 3. Click on a product
- 4. Observe product image on detail page
- 5. Click on thumbnail images (if available)

**Expected Result:**

- Thumbnails load without errors
- Images are properly sized
- Main image is larger on detail page
- Multiple images can be viewed (if available)
- No broken image icons

Actual Result	Status	Evidence
Verified that product thumbnails loaded without errors and all images were properly sized. The main image was displayed larger on the detail page, multiple images were viewable where available, and no broken image icons were observed.	<div><input checked="" type="checkbox"/> Pass</div> <div><input type="checkbox"/> Fail</div>	TC028_product_images.png

TC029: Price Display Format

Field	Details
TC ID	TC029
Module	Products
Title	Verify price formatting and discount display
Priority	Medium
Type	UI/UX
Pre-conditions	None

**Test Steps:**

- 1. Navigate to <https://demowebshop.tricentis.com/books>
- 2. Observe products with discounts
- 3. Check old price vs new price display
- 4. Navigate to cart and check price format

**Expected Result:**

- Prices displayed with consistent format (XX.XX)
- Old price shown with strikethrough
- New/sale price highlighted
- Currency consistent throughout site

Actual Result	Status	Evidence
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Actual Result	Status	Evidence
Prices are consistently displayed in the correct format (XX.XX). The old price is clearly shown with a strikethrough, while the new/sale price is highlighted. The currency symbol remains consistent throughout the site.	<div><input checked="" type="checkbox"/> Pass</div> <div><input type="checkbox"/> Fail</div>	TC029_price_format.png

## TC030: Button Styling and States

Field	Details
TC ID	TC030
Module	UI Elements
Title	Verify button visual feedback
Priority	Low
Type	UI/UX
Pre-conditions	None

### Test Steps:

1. Navigate to product detail page
2. Observe "Add to cart" button styling
3. Hover over button (note any color change)
4. Click button (note any visual feedback)
5. Check buttons on other pages (Register, Login)

### Expected Result:

- Buttons have consistent styling
- Hover state provides visual feedback
- Click/active state visible
- Primary actions (Add to cart) are prominent

Actual Result	Status	Evidence
Buttons displayed consistent styling across the site. The "Add to cart" button showed a slight hover effect in the same green color , while the "Register" and "Login" buttons displayed more distinct hover effects.  Visual feedback was present for all interactive states, and primary actions remained prominent.	<div><input checked="" type="checkbox"/> Pass</div> <div><input type="checkbox"/> Fail</div>	TC030_button_states.png

## TC031: Footer Links Verification

Field	Details
TC ID	TC031

Field	Details
Module	Footer
Title	Verify all footer links work correctly
Priority	Low
Type	UI/UX
Pre-conditions	None

Test Steps:

1. Scroll to footer on any page
2. Click "Sitemap" link
3. Click "Privacy Notice" link
4. Click "Contact us" link
5. Click "About us" link

Expected Result:

- All footer links are clickable
- Links navigate to correct pages
- No broken links (404 errors)
- Pages load with appropriate content

Actual Result	Status	Evidence
All footer links (Sitemap, Privacy Notice, Contact us, About us) were clickable and successfully navigated to their respective correct pages. No broken links or 404 errors were encountered, and every destination page loaded with the appropriate content.	<div><input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail</div>	TC031_footer_links.png

TC032: Header Elements Alignment

Field	Details
TC ID	TC032
Module	Header
Title	Verify header elements are properly aligned
Priority	Low
Type	UI/UX
Pre-conditions	None

Test Steps:

1. Navigate to homepage

- 2. Observe logo position
- 3. Observe top links (Register, Login, Cart, Wishlist)
- 4. Observe search box position
- 5. Observe main navigation alignment

**Expected Result:**

- Logo aligned to left
- Top links aligned to right
- Search box in header area
- Navigation centered or left-aligned
- Elements properly spaced

Actual Result	Status	Evidence
The logo was correctly aligned to the left, and the top links (Register, Login, Cart, Wishlist) were aligned to the right side of the header. The search box was positioned within the header area, and the main navigation was properly aligned with adequate spacing between all elements.	<div><input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail</div>	TC032_header_alignment.png

## BOUNDARY / NEGATIVE TESTING (TC033 - TC040)

### TC033: Quantity Field with Zero Value

Field	Details
TC ID	TC033
Module	Shopping Cart
Title	Verify behavior with quantity set to 0
Priority	Medium
Type	Boundary
Pre-conditions	Cart has at least one product

**Test Steps:**

- 1. Navigate to <https://demowebshop.tricentis.com/cart>
- 2. Change quantity to 0
- 3. Click "Update shopping cart"

**Expected Result:**

- Product is removed from cart OR
- Error message indicating minimum quantity is 1 OR

- Quantity resets to 1

Actual Result	Status	Evidence
<div><input type="checkbox"/> Pass <input checked="" type="checkbox"/> Fail TC033_qty_zero.png</div>		

TC034: Quantity Field with Negative Value

Field	Details
TC ID	TC034
Module	Shopping Cart
Title	Verify behavior with negative quantity
Priority	Medium
Type	Negative
Pre-conditions	Cart has at least one product

Test Steps:

1. Navigate to <https://demowebshop.tricentis.com/cart>
2. Change quantity to -5
3. Click "Update shopping cart"

Expected Result:

- Error message displayed OR
- Value not accepted (prevented) OR
- Quantity resets to valid value

Actual Result	Status	Evidence
When entering a negative quantity (-5) and clicking "Update shopping cart," the system removed the product and displayed the "Shopping cart is empty" message. The system did not display an error message, prevent the invalid input, or reset the quantity to a valid value as expected.	<div><input type="checkbox"/> Pass <input checked="" type="checkbox"/> Fail</div>	TC034_qty_negative.png

TC035: Quantity Field with Maximum Value

Field	Details
TC ID	TC035
Module	Shopping Cart
Title	Verify behavior with very large quantity

Field	Details
Priority	Medium
Type	Boundary
Pre-conditions	Cart has at least one product

Test Steps:

1. Navigate to <https://demowebshop.tricentis.com/cart>
2. Change quantity to 99999
3. Click "Update shopping cart"

Expected Result:

- System handles large quantity OR
- Maximum quantity limit enforced OR
- Appropriate error message shown

Actual Result	Status	Evidence
Upon entering a quantity of 99999 and clicking "Update shopping cart," the system correctly enforced a limit. An error message was displayed stating, "The maximum quantity allowed for purchase is 10000." The quantity field was automatically adjusted to the default value of 1, preventing the invalid large entry.	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	TC035_qty_max.png

TC036: Password with Minimum Length (Boundary)

Field	Details
TC ID	TC036
Module	Registration
Title	Verify minimum password length requirement
Priority	Medium
Type	Boundary
Pre-conditions	User on registration page

Test Steps:

1. Navigate to <https://demowebshop.tricentis.com/register>
2. Fill in all required fields
3. Enter Password: "12345" (5 characters)
4. Enter Confirm Password: "12345"
5. Click Register

**Expected Result:**

- Error message about minimum password length
- Registration not completed
- Message indicates required length (usually 6+ chars)

Actual Result	Status	Evidence
When entering a 5-character password and attempting to register, the system correctly prevented the action. An error message was displayed stating that the minimum password length is 6 characters, which aligns with the expected validation for this boundary test.	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	TC036_password_min.png

TC037: Registration with Empty Required Fields

Field	Details
TC ID	TC037
Module	Registration
Title	Verify validation for all required fields
Priority	High
Type	Negative
Pre-conditions	User on registration page

**Test Steps:**

1. Navigate to <https://demowebshop.tricentis.com/register>
2. Leave First Name empty
3. Leave Last Name empty
4. Leave Email empty
5. Leave Password empty
6. Click Register button

**Expected Result:**

- Error messages for each required field
- "First name is required"
- "Last name is required"
- "Email is required"
- "Password is required"

Actual Result	Status	Evidence
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Actual Result	Status	Evidence
Upon clicking the "Register" button with empty fields, the system correctly displayed error messages for all mandatory inputs. The messages "First name is required", "Last name is required", "Email is required", and "Password is required" were clearly visible next to their respective fields.	<div><div><input checked="" type="checkbox"/></div><div>Pass <input type="checkbox"/></div><div>Fail</div></div>	TC037_empty_required.png

## TC038: Contact Form with Empty Fields

Field	Details
TC ID	TC038
Module	Contact Us
Title	Verify contact form validation
Priority	Medium
Type	Negative
Pre-conditions	User on contact page

### Test Steps:

1. Navigate to <https://demowebshop.tricentis.com/contactus>
2. Leave all fields empty
3. Click "Submit" button

### Expected Result:

- Validation errors for required fields
- Form not submitted
- Clear error messages displayed

Actual Result	Status	Evidence
When clicking the "Submit" button with all fields left empty, the system successfully prevented the form from being submitted . Clear validation error messages were displayed for the required fields, ensuring the user is aware of the missing information.	<div><div><input checked="" type="checkbox"/></div><div>Pass <input type="checkbox"/></div><div>Fail</div></div>	TC038_contact_empty.png

## TC039: Checkout Without Agreeing to Terms

Field	Details
TC ID	TC039
Module	Checkout
Title	Verify terms of service checkbox is required

Field	Details
Priority	High
Type	Negative
Pre-conditions	Cart has products

Test Steps:

- 1. Navigate to <https://demowebshop.tricentis.com/cart>
- 2. Ensure "I agree with the terms of service" is NOT checked
- 3. Click "Checkout" button

Expected Result:

- Error message displayed
- "Please accept the terms of service" or similar
- Checkout not proceeded

Actual Result	Status	Evidence
<p>When clicking the "Checkout" button without checking the terms of service box, the system correctly prevented the user from proceeding.</p> <p>A clear error message was displayed stating, "Please accept the terms of service before proceeding to the next step," which fulfills the requirement for mandatory acceptance.</p>	<div><input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail</div>	TC039_terms_unchecked.png

TC040: Gift Card Without Required Fields

Field	Details
TC ID	TC040
Module	Gift Cards
Title	Verify gift card requires recipient info
Priority	Medium
Type	Negative
Pre-conditions	User on gift card product page

Test Steps:

- 1. Navigate to <https://demowebshop.tricentis.com/25-virtual-gift-card>
- 2. Leave Recipient's Name empty
- 3. Leave Recipient's Email empty
- 4. Click "Add to cart" button

Expected Result:

- Validation errors displayed
- "Recipient's Name is required"
- "Recipient's Email is required"
- Product not added to cart

Actual Result	Status	Evidence
Upon clicking "Add to cart" with empty fields, the system validated the input and displayed the error messages: "Enter valid recipient name" and "Enter valid recipient email". The product was correctly prevented from being added to the cart until the required details were provided.	<div><input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail</div>	TC040_giftcard_empty.png

## Test Execution Summary

### Execution Log

Date	Tester	TCs Executed	Passed	Failed	Blocked
Dec 16, 2025	Chamath Madurasinghe	TC001-TC020	20	0	0
Dec 16, 2025	Senithi Mathangaweera	TC021-TC040	19	1	0

### Results Summary

Category	Total	Passed	Failed	Pass Rate
Functional	20	20	0	100%
Usability	6	6	0	100%
UI/UX	6	6	0	100%
Boundary/Negative	8	7	1	87.5%
Total	40	39	1	97.5%

### Sign-Off

Role	Name	Signature	Date
Test Executor	Chamath Madurasinghe	___	12/16/2025
Test Executor	Senithi Mathangaweera	___	12/16/2025
Reviewer	Lakindu De Silva	___	12/16/2025