

# Manual Test Execution Report

## Tricentis Demo Web Shop

**Document Version:** 1.0

**Prepared By:** Lakindu De Silva

**Execution Date:** December 16, 2025

**Team Members:** Chamath Madurasinghe, Senithi Mathangaweera

## Executive Summary

Manual testing of the Tricentis Demo Web Shop has been completed. A total of **40 test cases** were executed across 4 categories. The overall pass rate is **97.5%** with 1 defect identified.

Metric	Value
Total Test Cases	40
Passed	39
Failed	1
Blocked	0
Pass Rate	<b>97.5%</b>
Defects Found	4 (1 from manual, 3 from exploratory testing)

## Test Execution Summary

### By Category

Category	Total	Passed	Failed	Pass Rate
Functional Testing (TC001-TC020)	20	20	0	100%
Usability Testing (TC021-TC026)	6	6	0	100%
UI/UX Testing (TC027-TC032)	6	6	0	100%
Boundary/Negative Testing (TC033-TC040)	8	7	1	87.5%
<b>Total</b>	<b>40</b>	<b>39</b>	<b>1</b>	<b>97.5%</b>

### By Tester

Tester	Test Cases	Passed	Failed	Pass Rate
Chamath Madurasinghe	TC001-TC020	20	0	100%
Senithi Mathangaweera	TC021-TC040	19	1	95%

Tester	Test Cases	Passed	Failed	Pass Rate
<b>Total</b>	<b>40</b>	<b>39</b>	<b>1</b>	<b>97.5%</b>

## Test Execution Details

Functional Testing (TC001-TC020) - Executed by Chamath Madurasinghe

TC ID	Test Case Title	Status	Notes
TC001	Valid User Registration	<input checked="" type="checkbox"/> Pass	Registration completed successfully
TC002	Registration with Existing Email	<input checked="" type="checkbox"/> Pass	Error message displayed correctly
TC003	Registration with Invalid Email Format	<input checked="" type="checkbox"/> Pass	Validation working as expected
TC004	Registration with Mismatched Passwords	<input checked="" type="checkbox"/> Pass	Password mismatch error shown
TC005	Valid User Login	<input checked="" type="checkbox"/> Pass	Login successful
TC006	Login with Invalid Credentials	<input checked="" type="checkbox"/> Pass	Error message displayed
TC007	Login with Empty Fields	<input checked="" type="checkbox"/> Pass	Validation prevents empty submission
TC008	User Logout	<input checked="" type="checkbox"/> Pass	Logout successful
TC009	Search for Existing Product	<input checked="" type="checkbox"/> Pass	Search results returned correctly
TC010	Search with No Results	<input checked="" type="checkbox"/> Pass	"No products found" message shown
TC011	Browse Category Products	<input checked="" type="checkbox"/> Pass	Category navigation works
TC012	Filter Products by Price	<input checked="" type="checkbox"/> Pass	Price filter applied correctly
TC013	Sort Products by Price	<input checked="" type="checkbox"/> Pass	Sorting works as expected
TC014	View Product Details	<input checked="" type="checkbox"/> Pass	Product page displays correctly
TC015	Add Simple Product to Cart	<input checked="" type="checkbox"/> Pass	Product added successfully
TC016	Add Configurable Product to Cart	<input checked="" type="checkbox"/> Pass	Configuration options work
TC017	Update Product Quantity in Cart	<input checked="" type="checkbox"/> Pass	Quantity updates correctly
TC018	Remove Product from Cart	<input checked="" type="checkbox"/> Pass	Product removed successfully
TC019	Apply Discount Code	<input checked="" type="checkbox"/> Pass	Invalid code error shown
TC020	Proceed to Checkout	<input checked="" type="checkbox"/> Pass	Checkout process initiates

Usability Testing (TC021-TC026) - Executed by Senithi Mathangaweera

TC ID	Test Case Title	Status	Notes
TC021	Navigation Menu Accessibility	<input checked="" type="checkbox"/> Pass	All categories visible and accessible
TC022	Breadcrumb Navigation	<input checked="" type="checkbox"/> Pass	Breadcrumbs work correctly

TC ID	Test Case Title	Status	Notes
TC023	Search Box Accessibility	<input checked="" type="checkbox"/> Pass	Search visible on all pages
TC024	Cart Mini-Preview Functionality	<input checked="" type="checkbox"/> Pass	Dropdown preview works
TC025	Error Message Clarity	<input checked="" type="checkbox"/> Pass	Error messages are clear
TC026	Form Field Labels and Placeholders	<input checked="" type="checkbox"/> Pass	Labels properly displayed

UI/UX Testing (TC027-TC032) - Executed by Senithi Mathangaweera

TC ID	Test Case Title	Status	Notes
TC027	Homepage Layout Verification	<input checked="" type="checkbox"/> Pass	Layout displays correctly
TC028	Product Image Display	<input checked="" type="checkbox"/> Pass	Images load without errors
TC029	Price Display Format	<input checked="" type="checkbox"/> Pass	Prices formatted consistently
TC030	Button Styling and States	<input checked="" type="checkbox"/> Pass	Buttons have proper feedback
TC031	Footer Links Verification	<input checked="" type="checkbox"/> Pass	All footer links work
TC032	Header Elements Alignment	<input checked="" type="checkbox"/> Pass	Header properly aligned

Boundary/Negative Testing (TC033-TC040) - Executed by Senithi Mathangaweera

TC ID	Test Case Title	Status	Notes
TC033	Quantity Field with Zero Value	<input checked="" type="checkbox"/> Pass	Product removed from cart
TC034	Quantity Field with Negative Value	<input checked="" type="checkbox"/> Fail	No error message, product disappears
TC035	Quantity Field with Maximum Value	<input checked="" type="checkbox"/> Pass	Maximum limit enforced (10000)
TC036	Password with Minimum Length	<input checked="" type="checkbox"/> Pass	Minimum 6 characters enforced
TC037	Registration with Empty Required Fields	<input checked="" type="checkbox"/> Pass	All required field errors shown
TC038	Contact Form with Empty Fields	<input checked="" type="checkbox"/> Pass	Validation errors displayed
TC039	Checkout Without Agreeing to Terms	<input checked="" type="checkbox"/> Pass	Terms acceptance required
TC040	Gift Card Without Required Fields	<input checked="" type="checkbox"/> Pass	Recipient validation works

## Defects Found

Defect ID	Related TC	Summary	Severity	Status
DEF-001	TC034	No error message when entering negative quantity - product disappears from cart	Medium	Open

## Additional Defects from Exploratory Testing:

Defect ID	Related TC	Summary	Severity	Status
DEF-002	ETC01	Search by category name "Books" returns no products	Medium	Open
DEF-003	ETC02	Electronics products missing "Add to Cart" on listing page	Medium	Open
DEF-004	ETC03	Product detail page missing "Add to Cart" button	High	Open

**Total Defects: 4** (1 High, 3 Medium)

## DEF-001 Details

**Issue:** When a user enters a negative quantity (e.g., -5) in the shopping cart and clicks "Update shopping cart", the system:

- Does NOT display any error message
- Removes the product from the cart entirely
- Shows "Your Shopping Cart is empty" message

**Expected Behavior:**

- Display validation error for invalid quantity
- Keep product in cart with valid quantity

## Test Environment

Component	Details
Website URL	<a href="https://demowebshop.tricentis.com/">https://demowebshop.tricentis.com/</a>
Browser	Google Chrome (Latest)
Operating System	Windows 11
Test Date	December 16, 2025
Network	Stable internet connection

## Observations & Notes

### Positive Findings

1. **User Registration/Login** - All authentication flows work correctly with proper validation
2. **Product Browsing** - Categories, search, and filtering function as expected
3. **Shopping Cart** - Core cart functionality (add, update, remove) works well
4. **Checkout Process** - Checkout flow is stable and properly validates terms acceptance
5. **Error Handling** - Most validation errors are clear and user-friendly
6. **UI Consistency** - Layout and styling are consistent across the site

## Areas of Concern

1. **Input Validation Gap** - Negative quantity handling in cart lacks proper validation
  2. **Silent Failures** - System removes items without user notification when invalid input detected
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## Recommendations

1. **Fix DEF-001** - Implement proper validation for quantity field to reject negative values
  2. **Add Client-Side Validation** - Prevent negative numbers from being entered in quantity fields
  3. **Improve Error Feedback** - Always show clear error messages when user input is invalid
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## Conclusion

The Tricentis Demo Web Shop demonstrates solid functionality across most tested areas. With a **97.5% pass rate**, the application is generally stable and user-friendly. The one identified defect (DEF-001) is of **Medium severity** and does not block core business functionality, though it should be addressed to improve user experience.

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## Sign-Off

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