

# Manual Execution Report

## Test Scenario 1: User Registration & Login

Test Case ID	Description	Pass/Fail	Comments
BU_001	Verify successful registration with valid details	Pass	All steps executed as expected. User successfully registered and redirected to homepage.
BU_002	Verify email field accepts only valid formats	Pass	Invalid email formats correctly rejected with specific error messages. Valid email accepted.
BU_003	Verify password field requires minimum 8 characters	Pass	Short password rejected with error. Valid password accepted. Note: Requires "Strong" score.
BU_004	Verify registration fails without agreeing to terms	Pass	Registration blocked when terms unchecked, proceeded when checked.
BU_005	Verify registration fails with duplicate email	Pass	Duplicate email correctly rejected with error message.
BU_006	Verify error messages for invalid first/last name	Pass	Invalid names triggered appropriate error messages.

BU_007	Verify confirmation email sent after registration	Fail	No confirmation email received, likely due to demo site disabling email functionality.
BU_008	Verify password visibility toggle functionality	Pass	Toggle worked, switching between hidden and visible password.
BU_009	Verify "Forgot Password" link redirects to reset page	Pass	Correctly redirected to password reset page.
BU_010	Verify redirection to homepage after registration	Pass	User redirected to homepage after registration.
BU_011	Verify unregistered user login attempt fails	Pass	Unregistered email triggered "Authentication failed" error.

## Test Scenario 2: Cart Management

Test Case ID	Description	Pass/Fail	Comments
BU_012	Verify user can add products to the cart	Pass	Product successfully added to cart and displayed correctly.
BU_013	Verify cart displays correct number of items	Pass	Quantity updates reflected accurately in the cart.

BU_014	Verify cart updates quantity of products correctly	Pass	Quantity increases applied correctly in the cart.
BU_015	Verify cart allows removing items	Pass	Product successfully removed from cart using the delete icon.
BU_016	Verify cart displays correct price for each item	Pass	Price in cart matched the product page price.
BU_017	Verify cart updates total cost when items are added or removed	Pass	Total cost updated correctly after adding and removing items.
BU_018	Verify cart displays applicable discounts or offers	Pass	Discounted price reflected in cart as expected.
BU_019	Verify cart provides an option to continue shopping	Pass	Continue shopping button redirected to homepage as expected.
BU_020	Verify cart allows editing product quantities	Pass	Quantity increased in cart, and price updated accordingly.

### Test Scenario 3: Product Filtering

Test Case ID	Description	Pass/Fail	Comments
BU_021	Verify product filtering by category	Pass	Products filtered correctly by selected category (e.g., Clothes).

BU_022	Verify product filtering by price range	Pass	Products displayed within the specified price range using the price slider.
BU_023	Verify real-time filter updates	Pass	Product results updated immediately upon applying filters.
BU_024	Verify multiple filters applied simultaneously	Pass	Combined filters (e.g., category and availability) displayed accurate results.
BU_025	Verify filter panel accessibility and usability	Pass	Filter panel was visible, accessible, and user-friendly.
BU_026	Verify sorting after applying filters	Pass	Products sorted correctly by price and dimensions after filtering.
BU_027	Verify filtering consistency on mobile and desktop	Pass	Filtering functionality consistent across mobile and desktop views.
BU_028	Verify filter reset button clears all selected filters	Pass	Filter reset button cleared all filters as expected.

## Test Scenario 4: Contact Form and Newsletter

Test Case ID	Description	Pass/Fail	Comments
BU_029	Verify keyboard navigation on contact form	Pass	Tab key navigated through form fields in the correct order.

BU_030	Verify message field enforces character limit	Fail	No restriction on message field; message exceeding limit was sent without error.
BU_031	Verify error for existing email in newsletter subscription	Pass	Error message displayed as expected for already subscribed email.
BU_032	Verify error for invalid email in newsletter subscription	Pass	Error message displayed as expected for invalid email format.
BU_033	Verify confirmation message after contact form submission	Pass	Confirmation message displayed after successful form submission.
BU_034	Verify auto-fill prevention on contact form	Fail	Auto-fill populated form fields, contrary to expected security behavior.
BU_035	Verify newsletter subscription with valid email	Pass	Subscription completed successfully with confirmation.
BU_036	Verify contact form submission with valid details	Pass	Form submitted successfully with valid inputs.
BU_037	Verify error for empty contact form submission	Pass	Error message displayed when submitting form with empty fields.
BU_038	Verify error for invalid email in contact form	Pass	Error message displayed for invalid email format.

## Test Scenario 5: Cross-Browser UI Testing

Test Case ID	Description	Pass/Fail	Comments
BU_039	Verify website functions on Google Chrome	Pass	All steps executed as expected. User successfully logged in.
BU_040	Verify website functions on Mozilla Firefox	Pass	All steps executed as expected. User successfully logged in.
BU_041	Verify website functions on Microsoft Edge	Fail	Login failed on Microsoft Edge; customer could not log in despite correct credentials.
BU_042	Verify website functions on Opera	Pass	All steps executed as expected. User successfully logged in.
BU_043	Verify interactive elements work across browsers	Pass	Buttons, dropdowns, and links functioned consistently across all tested browsers.
BU_044	Verify images load correctly across browsers	Pass	All images loaded without errors or broken placeholders across all browsers.
BU_045	Verify website displays properly on latest browser versions	Pass	Layout, fonts, and alignments were consistent and correct across all browsers.
BU_046	Verify website functions on mobile devices	Pass	Mobile view loaded correctly, and login functionality worked as expected.

BU_047	Verify website functions on tablets	Pass	Tablet view loaded correctly, and login functionality worked as expected.
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## Test Scenario 6: Checkout Process (Guest & Logged-in User)

Test Case ID	Description	Pass/Fail	Comments
BU_048	Verify registered user checkout	Pass	Checkout completed successfully for logged-in user.
BU_049	Verify adding new shipping address during user checkout	Pass	New shipping address added successfully, and order placed on new address.
BU_050	Verify editing existing address during checkout	Pass	Address edited successfully, and order placed on edited address.
BU_051	Verify discount or promo code applies on total amount	Pass	Discount code applied, checkout passed.
BU_052	Verify system allows guest checkout	Pass	Smooth checkout completed without signing in as a guest.
BU_053	Verify selecting different payment methods	Pass	User redirected to appropriate payment gateway, and order placed successfully.

BU_054	Verify complete order summary/preview	Pass	Order details remained static and intact, and checkout completed successfully.
BU_055	Verify terms and condition agreement	Fail	Prompt shown to accept terms, but system did not enforce agreement before proceeding.

## Test Scenario 7: UI Responsiveness

Test Case ID	Description	Pass/Fail	Comments
BU_056	Verify homepage responsiveness on multiple mobile devices	Pass	Layout adjusted appropriately, with readable text and accessible navigation.
BU_057	Verify product page responsiveness	Pass	Images scaled correctly, and layout was consistent without horizontal scrolling.
BU_058	Verify navigation menu functionality on small screens	Pass	Menu expanded and collapsed smoothly, with all links accessible.
BU_059	Verify cart page layout across different screen sizes	Pass	Screens were consistent on multiple screen sizes.
BU_060	Verify checkout fields persistency on mobile devices	Pass	Fields were appropriately sized, and input was user-friendly.



BU_061	Verify sticky navigation bar remains fixed during scroll on mobile	Pass	Navigation bar remained fixed, and elements like cart and menu icon were accessible.
BU_062	Verify footer link accessibility on multiple devices	Pass	All links were visible and functional without overlapping elements.
BU_063	Verify responsive search function	Pass	Search input was accessible, and results displayed correctly.

## Test Scenario 8: Product Searching

Test Case ID	Description	Pass/Fail	Comments
BU_064	Verify user search for product using general keywords	Pass	Search for "shirt" returned relevant results as expected.
BU_065	Ensure the search returns products relevant to the entered keyword	Pass	Search for "Mugs" returned relevant products as expected.
BU_066	Check if entering a full product name shows the exact product	Pass	Search for "Today is a Good Day" displayed the exact product.
BU_067	Confirm user can search within a specific category and get filtered results	Fail	Search within "Women" category for "shirt" did not filter results to category-specific items.

BU_068	Verify system shows "no results" message for invalid inputs	Fail	Search for "xyzabc123" did not display "No results found" message as expected.
BU_069	Ensure the system returns results for partially matched search terms	Pass	Search for "Mountain" returned matching products as expected.
BU_070	Check if the search bar is visible and functional on all pages	Pass	Search bar was consistently accessible across all pages.
BU_071	Verify search results load within 2–3 seconds	Pass	Search for "frames" loaded results within 2–3 seconds as expected.

## Summary

- **Total Test Cases:** 71 (BU\_001 to BU\_071)
- **Passed:** 64
- **Failed:** 7 (BU\_007, BU\_030, BU\_034, BU\_041, BU\_055, BU\_067, BU\_68)
- **Not Executed/Suspended:** 0

### Notes:

- Failed test cases indicate issues with:
  - Email confirmation (BU\_007), likely due to demo site limitations.
  - Contact form validation (BU\_030, BU\_034) for message character limit and auto-fill prevention.
  - Microsoft Edge login functionality (BU\_041).
  - Terms and condition enforcement (BU\_055), where the system allowed order placement without agreement.
  - Product searching within a specific category (BU\_067), which did not filter results correctly.
  - "No results" message for invalid search inputs (BU\_068), which was not displayed.

- Recommend further investigation and retesting for failed test cases after addressing identified issues.
- The Product Searching test cases (BU\_064 to BU\_071) highlight issues with category-specific searches, invalid input handling which may require UI and backend improvements.