

Manual Task 1.

- Please Review this user story and write test cases for each acceptance criteria to achieve Good coverage from your perspective and apply test techniques if there is a case need that

User Story

Title: Search Feature for E-commerce Website

As a customer,

I want to be able to search for products on the e-commerce website,

so that I can quickly find the items I am interested in without browsing through all categories.

Acceptance Criteria

1. Search Input Field:

- The search bar must be available and visible only on the homepage.
- Users must be able to enter text into the search bar, but there is no requirement to submit the query by pressing "Enter" or clicking a search button.

2. Search Results Display:

- After a search query is submitted, the website must display a list of products that match the search criteria.
- Each product in the search results must display only the product name and image.

3. Search Suggestions:

- The system must display real-time search suggestions only after the user has typed at least five characters.

4. Sorting and Filtering:

- The search results page must provide options for users to sort results by relevance only.
- Users must be able to filter search results by category, brand, and a price range.
- The price range filter must allow users to specify a minimum price of \$0 and a maximum price of \$1,000 to refine search results.

5. Filtering Combinations:

- The search feature must correctly display products based on combinations of user-selected filters:

- If no filters are selected, all products matching the search query should be displayed.
- If only a category filter is selected, only products within that category should be displayed.
- If only a brand filter is selected, only products from that brand should be displayed.
- If only a price range filter is selected, only products within the specified price range should be displayed.
- If multiple filters (category, brand, and price range) are selected, only products that match all the selected criteria should be displayed.

6. No Results Handling:

- If no products match the search query, the system must not display any message.

7. Spell Check and Suggestions:

- The search feature must not handle typos or suggest alternative keywords.

8. Search Functionality on Different Devices:

- The search feature must function correctly on desktop devices only.