

Test Cases for Search Functionality Assessment

Test Case 1: Valid Product Search

- **Test Case ID:** TC-SEARCH-001
- **Description:** Verify search results for a valid product name.
- **Preconditions:** User is on the homepage.
- **Steps:**
 1. Enter "dress" in the search bar.
 2. Click the search button.
- **Expected Result:** A list of products related to "dress" is displayed.

Test Case 2: Invalid Product Search

- **Test Case ID:** TC-SEARCH-002
- **Description:** Verify behavior when searching for a non-existent product.
- **Preconditions:** User is on the homepage.
- **Steps:**
 1. Enter "xyzproduct" in the search bar.
 2. Click the search button.
- **Expected Result:** Display message: "No results were found."

Test Case 3: Partial Product Name Search

- **Test Case ID:** TC-SEARCH-003
- **Description:** Verify search results for a partial product name.
- **Preconditions:** User is on the homepage.
- **Steps:**
 1. Enter "dres" in the search bar.
 2. Click the search button.
- **Expected Result:** A list of products containing "dress" is displayed.

Test Case 4: Empty Search Input

- **Test Case ID:** TC-SEARCH-004
- **Description:** Verify system behavior for an empty search input.
- **Preconditions:** User is on the homepage.
- **Steps:**
 1. Leave the search bar empty.
 2. Click the search button.

- **Expected Result:** Display message: "Search field cannot be empty."

Test Case 5: Special Characters Search

- **Test Case ID:** TC-SEARCH-005
- **Description:** Verify system response to special characters in the search query.
- **Preconditions:** User is on the homepage.
- **Steps:**
 1. Enter "#@\$%" in the search bar.
 2. Click the search button.
- **Expected Result:** Display message indicating no products were found.

Test Case 6: Case-Insensitive Search

- **Test Case ID:** TC-SEARCH-006
- **Description:** Verify that the search functionality is case-insensitive.
- **Preconditions:** User is on the homepage.
- **Steps:**
 1. Enter "Dress" in the search bar.
 2. Click the search button.
- **Expected Result:** A list of products related to "dress" is displayed.

Test Case 7: Search Results Pagination

- **Test Case ID:** TC-SEARCH-007
- **Description:** Verify pagination of search results when multiple pages exist.
- **Preconditions:** User is on the homepage.
- **Steps:**
 1. Enter "shoes" in the search bar.
 2. Click the search button.
 3. Navigate to the next page of results.
- **Expected Result:** Users can view the next set of search results.

Test Case 8: Relevance of Search Results

- **Test Case ID:** TC-SEARCH-008
- **Description:** Verify that the most relevant results appear first.
- **Preconditions:** User is on the homepage.
- **Steps:**
 1. Enter "shirt" in the search bar.

2. Click the search button.

- **Expected Result:** Most relevant products related to "shirt" are listed at the top.

Test Case 9: Search Suggestions

- **Test Case ID:** TC-SEARCH-009
- **Description:** Verify that the search bar provides suggestions as the user types.
- **Preconditions:** User is on the homepage.
- **Steps:**
 1. Begin typing "top" in the search bar.
- **Expected Result:** Dropdown with suggested products appears.

Test Case 10: Clear Search Results

- **Test Case ID:** TC-SEARCH-010
- **Description:** Verify that the user can clear search results and return to the homepage.
- **Preconditions:** User has performed a search.
- **Steps:**
 1. Click on the "Home" link or button.
- **Expected Result:** User is redirected to the homepage.