Test Case Document

SL	Test Scenario Description	Test Case ID	Test Case Description	Preconditions	Priority	Section	URL	Steps (Step)	Data	Post Condition	Expected Result	Actual Result	Status	Defects
1	Verify that when a product is searched in the search bar, its corresponding details (e.g., name, price, rating, availability) are displayed in search results.	TC_Search_001	Verify that searching for a product in the search bar displays the relevant product details in the search mode.	1. The platform's product database is up-to-date. 2. Search functionality is enabled. 3. Product name are present in the system.	High	Search Functionality	https://demo.evershop.io/	1. Navigate to the home page of the platform. 2. Locate the search bar at the top of the page. 3. Enter a product name. 4. Click on the search button or press "Enter". 5. Verify the search results display with relevant product details.	Product Name: "Nike air zoom pegasus 36"	Search results should display with the corresponding product details, and users can view more details by clicking the product.	1. The search results page should display the corresponding product name, price, image, availability, customer rating, and description. 2. Clicking on a product in search results takes the user to the product details page.	The search results page display a list of shoes matching the entered product name.	Pass	
		TC_Search_002	Verify that searching for a product in the search bar displays the relevant product details in the search mode.	1. The platform's product database is up-to-date. 3. Product name are present in the system.	High	Search Functionality	https://demo.evershop.io/	1. Navigate to the home page of the platform. 2. Locate the search bar at the top of the page. 3. Enter a product partial name. 4. Click on the search button or press "Enter". 5. Verify the search results display with relevant product details.	Partial Product Name: "Air Zoom"	Search results should display with the corresponding product details, and users can view more details by clicking the product.	1. The search results page should display the corresponding product name, price, image, availability, customer rating, and description. 2. Clicking on a product in search results takes the user to the product details page.	The search results page display a list of shoes matching the entered partial product name.	Pass	
		TC_Search_003	Verify that searching for a product in the search bar displays the relevant product details in the search mode.	1. The platform's product database is up-to-date. 2. Search functionality is enabled. 3. Product name are present in the system.	High	Search Functionality	https://demo.evershop.io/	1. Navigate to the home page of the platform. 2. Locate the search bar at the top of the page. 3. Enter a product price. 4. Click on the search button or press "Enter". 5. Verify the search results display with relevant product details.	product price: " $100 - $200"	Search results should display with the corresponding product details, and users can view more details by clicking the product.	1. The search results page should display the corresponding product name, price, image, availability, customer rating, and description. 2. Clicking on a product in search results takes the user to the product details page.	The search results page don't display list of shoes matching the entered product price.	Fail	results page don't display
		TC_Search_004	Verify that searching for a product in the search bar displays the relevant product details in the search mode.	1. The platform's product database is up-to-date. 2. Search functionality is enabled. 3. Product name are present in the system.	High	Search Functionality	https://demo.evershop.io/	1. Navigate to the home page of the platform. 2. Locate the search bar at the top of the page. 3. Enter a product rating. 4. Click on the search button or press "Enter". 5. Verify the search results display with relevant product details.	product rating 4.5	Search results should display with the corresponding product details, and users can view more details by clicking the product.	1. The search results page should display the corresponding product name, price, image, availability, customer rating, and description. 2. Clicking on a product in search results takes the user to the product details page.	product rating function are not implemented.	N/A	
		TC_Search_005	Verify that searching for a product in the search bar displays the relevant product details in the search mode.	1. The platform's product database is up-to-date. 2. Search functionality is enabled. 3. Product name are present in the system.	High	Search Functionality	https://demo.evershop.io/	1. Navigate to the home page of the platform. 2. Locate the search bar at the top of the page. 3. Enter a product rating. 4. Click on the search button or press "Enter". 5. Verify the search results display with relevant product details.	availability in stock	Search results should display with the corresponding product details, and users can view more details by clicking the product.	1. The search results page should display the corresponding product name, price, image, availability, customer rating, and description. 2. Clicking on a product in search results takes the user to the product details page.	product availability function are not implemented.	N/A	
		TC_Search_006	Verify that searching for a product in the search bar displays the relevant product details in the search mode.	1. The platform's product database is up-to-date. 2. Search functionality is enabled. 3. Product name are present in the system.	High	Search Functionality	https://demo.evershop.io/	1. Navigate to the home page of the platform. 2. Locate the search bar at the top of the page. 3. Enter a product brand name. 4. Click on the search button or press "Enter". 5. Verify the search results display with relevant product details.	Brand : "Nike"	Search results should display with the corresponding product details, and users can view more details by clicking the product.	1. The search results page should display the corresponding product name, price, image, availability, customer rating, and description. 2. Clicking on a product in search results takes the user to the product details page.	The search results page display a list of shoes matching the entered brand name.	Pass	
		TC_Search_007	Verify that searching for a product in the search bar displays the relevant product details in the search mode.	1. The platform's product database is up-to-date. 2. Search functionality is enabled. 3. Product name are present in the system.	High	Search Functionality	https://demo.evershop.io/	1. Navigate to the home page of the platform. 2. Locate the search bar at the top of the page. 3. Enter a product brand name. 4. Click on the search button or press "Enter". 5. Verify the search results display with relevant product details.	Category (e.g., "Sneakers")	Search results should display with the corresponding product details, and users can view more details by clicking the product.	1. The search results page should display the corresponding product name, price, image, availability, customer rating, and description. 2. Clicking on a product in search results takes the user to the product details page.	product category function are not implemented.	N/A	
		TC_Search_008	Verify that searching for a product in the search bar displays the relevant product details in the search mode.	1. The platform's product database is up-to-date. 2. Search functionality is enabled. 3. Product sku are present in the system.	High	Search Functionality	https://demo.evershop.io/	1. Navigate to the home page of the platform. 2. Locate the search bar at the top of the page. 3. Enter a product name, partial name, price, rating, availability, etc. 4. Click on the search button or press "Enter". 5. Verify the search results display with relevant product details.	SKU:NJC83763-Red-M	Search results should display with the corresponding product details, and users can view more details by clicking the product.	1. The search results page should display the corresponding product name, price, image, availability, customer rating, and description. 2. Clicking on a product in search results takes the user to the product details page.	The search results page don't display of shoes matching the entered product SKU.	Fail	results page don't display of shoes matching the entered product SKU. NJC83763-Red-M
2	Verify that the search functionality displays multiple pages of results and allows navigation between them.	TC_SearchMultiplePages_09	Verify that search results are paginated correctly, and users can navigate through multiple pages of search results.	1. The search functionality is implemented. 2. The product catalog has enough products to generate multiple pages of results. 3. Pagination logic is implemented in the search feature.	High	Search Functionality (Pagination Handling)	https://demo.evershop.io/	1. Navigate to the homepage. 2. Enter a search query that returns a large number of results (e.g., "Nike shoes"). 3. Click the "Search" button or press "Enter". 4. Observe the search results page and check for pagination controls (e.g., next, previous, page numbers). 5. Click "Next" or a specific page number to navigate to the next page of results. 6. Verify the transition between pages and that results load correctly on each page.	Search Query: "Nike shoes" or any query that generates enough results for multiple pages.	The system should correctly paginate search results and allow users to navigate through different pages without losing search context.	1. The system should display multiple pages of search results when the number of products exceeds the items-per-page limit. 2. Pagination controls (e.g., next, previous, page numbers) should appear at the bottom of the results. 3. Clicking on "Next" or a page number should load the next set of search results. 4. Users should be able to seamlessly navigate between pages, and each page should display the correct set of search results. 5. The system should maintain the search query across all pages, ensuring consistency.	There are not enough products in the product catalog to generate multiple pages of results	N/A	
3	Verify that the search functionality is not case-sensitive and provides the same results for uppercase and lowercase search queries.	TC_SearchCaseSensitivity_010	Verify that performing searches with both uppercase and lowercase letters returns the same search results, ensuring case insensitivity.	1. The search functionality is implemented. 2. The product catalog contains entries that could be searched with varying cases (e.g., "Nike", "nike").	High	Search Functionality (Case Sensitivity)	https://demo.evershop.io/	1. Navigate to the homepage. 2. Enter a search query using all lowercase letters (e.g., "nike react"). 3. Click the "Search" button or press "Enter". 4. Observe and note the results. 5. Repeat the search query using all uppercase letters (e.g., "NIKE REACT"). 6. Observe and compare the results.	Search Queries: "nike react" (lowercase), "NIKE REACT" (uppercase)	The system should return the same search results regardless of whether the query is entered in uppercase, lowercase, or a combination.	1. The search functionality should be case-insensitive. 2. Both uppercase and lowercase queries should return the same results. 3. Users should experience consistent search results regardless of input case. 4. The system should treat "Nike React" and "nike react" as identical queries and display the same set of products. 5. No discrepancy should exist in search results based on case sensitivity.	1. The search functionality case-insensitive. 2. Both uppercase and lowercase queries return the same results. 3. Users experience consistent search results regardless of input case. 4. The system treat "Nike React" and "nike react" as identical queries and display the same set of products. 5. No discrepancy exist in search results based on case sensitivity.	Pass	
4	Verify that the instant search with suggestions (autocomplete) displays relevant suggestions as the user types or after pressing "Enter".	TC_Autocomplete_&_Instant Search_011	Verify that as users type in the search bar, relevant suggestions are displayed in real-time and pressing "Enter" shows full search results.	1. Autocomplete feature is implemented. 2. Search suggestions are fetched from an up-to-date product database. 3. User has access to the search bar.	High	Autocomplete & Instant Search	https://demo.evershop.io/	1. Navigate to the platform's homepage. 2. Locate the search bar. 3. Begin typing a product name or brand (e.g., "Nike"). 4. Observe if relevant suggestions appear in real-time below the search bar. 5. Press "Enter" to view full search results. 6. Select a suggestion from the list and verify that it navigates to the correct product or search result.	Test Data 1. Start typing "Nike Air Zoom" or partial terms (e.g., "N", "Nike A"). 2. Observe the real-time suggestions (e.g., "Nike Air", "Nike Running Shoes", etc.). 3. Press "Enter" after typing. 4. Select one of the suggestions.	Real-time suggestions should appear as the user types, and selecting one or pressing "Enter" should display the correct product or results.	1. Autocomplete suggestions should be displayed dynamically and relevant to the input as the user types. 2. Pressing "Enter" should trigger a full search and display accurate results. 3. The system should provide alternative suggestions (e.g., related categories, similar products). 4. Suggestions should be based on available products, brands, or categories.	Autocomplete & instant keyword function are not implemented.	N/A	
5	Verify that appropriate feedback or indication is shown to the user when no search results are found for their query.	TC_NoResults_012	Verify that a clear message and suggestions are displayed when the search returns no results, guiding users to refine their search.	1. Search functionality is implemented. 2. A mechanism to handle no search results is in place. 3. The system has access to the product catalog.	High	User Feedback & Search Experience	https://demo.evershop.io/	1. Navigate to the platform's homepage. 2. Go to the search bar. 3. Enter a search term that doesn't match any products in the catalog (e.g., "XYZ Unknown Brand"). 4. Observe the feedback or message displayed on the search results page. 5. Check if alternative suggestions (e.g., related searches or categories) are shown.	Example Search Query: "XYZ Unknown Brand" (a term that does not exist in the product catalog).	The system should display a message indicating no results were found, along with suggestions for related categories or terms, and guidance on refining the search.	1. A clear "No results found" message should be displayed. 2. The system should provide alternative suggestions (e.g., related categories, similar products). 3. Users should be prompted to refine their search or use filters to improve their results. 4. The feedback should be user-friendly and prevent confusion."	A clear message and suggestions are not displayed when the search returns no results, guiding users to refine their search.	Fail	"No results found" message not displayed
6	Verify that the search feature handles partial matches or misspellings by offering suggestions or autocorrection for more accurate search results.	TC_SearchMisspelling_013	Verify that when a user enters a partial or misspelled search term, the system provides suggestions or autocorrects to offer relevant results.	Search feature is implemented with misspelling detection and autocorrection.	High	Search Functionality (Misspellings & Suggestions)	https://demo.evershop.io/	1. Navigate to the platform's homepage. 2. Enter a misspelled or partial keyword related to a product (e.g., "Nik Air Zoom" instead of "Nike Air Zoom"). 3. Observe if the system offers suggestions or autocorrects the term to provide relevant search results. 4. Review the results and check if the correct products are displayed.	Misspelled Search Query: "Nik Air Zoom" (for "Nike Air Zoom").	The system should either offer suggestions or autocorrect the term, displaying accurate product results based on the intended query.	The system should detect misspellings and suggest corrections or autocorrect the query.	The system don't detect misspellings and suggest corrections or autocorrect the query.	Fail	system can't detect misspellings
		TC_SearchMisspelling_014	Verify that when a user enters a partial or misspelled search term, the system provides suggestions or autocorrects to offer relevant results.	Search feature is implemented with misspelling detection and autocorrection.	High	Search Functionality (Misspellings & Suggestions)	https://demo.evershop.io/	1. Navigate to the platform's homepage. 2. Enter a misspelled or partial keyword related to a product (e.g., "Nik Air Zoom" instead of "Nike Air Zoom"). 3. Observe if the system offers suggestions or autocorrects the term to provide relevant search results. 4. Review the results and check if the correct products are displayed.	Misspelled Search Query: "Nik Air Zoom" (for "Nike Air Zoom").	The system should either offer suggestions or autocorrect the term, displaying accurate product results based on the intended query.	The system should provide relevant suggestions misspellings.	The system don't provide relevant suggestions misspellings.	Fail	don't show relevant suggestion
7	Verify that the search functionality handles special characters such as @, %, & appropriately.	TC_SearchSpecialChars_015	Verify that the search function processes special characters (@, %, &) correctly and returns relevant results or an appropriate error message.	1. The search functionality is implemented. 2. The system is capable of processing special characters in search queries. 3. The product catalog includes or excludes special character data.	Medium	Search Functionality (Special Character Handling)	https://demo.evershop.io/	1. Navigate to the homepage. 2. Enter a search query containing special characters (e.g., "@shoes", "50% off", "bags & Accessories") in the search bar. 3. Click the "Search" button or press "Enter". 4. Observe how the system processes the query. 5. Verify whether relevant search results are returned or an appropriate error message is displayed.	Search Queries: "@shoes", "50% off", "bags & Accessories"	The system should correctly process special characters and return relevant search results or display an error message indicating that special characters are not supported.	1. The system should handle special characters appropriately. 2. For supported special characters, relevant search results should be displayed. 3. If special characters are not supported, the system should display an appropriate error message (e.g., "Please enter a valid search term"). 4. The system should prevent unexpected behavior or crashes caused by special characters. 5. Consistent user experience should be maintained with proper validation.	The system can't handle special characters appropriately.	Fail	@shoes", "50% off", "bags & Accessories" system can't handle this type off special characters
8	Verify that the search feature provides predictive suggestions such as "customers also searched for" based on similar or related searches.	TC_PredictiveSearch_016	Verify that as users search for a product, predictive suggestions (e.g., "customers also searched for") are displayed based on previous customer behavior.	1. Predictive search capability is implemented. 2. A data set of user search behavior and related products is available. 3. User has access to the search bar and platform.	Medium	Predictive Search	https://demo.evershop.io/	1. Log in to the platform. 2. Navigate to the search bar. 3. Search for a product (e.g., "Nike Air Zoom"). 4. Observe if predictive suggestions such as "customers also searched for" appear below the search bar. 5. Click on one of the predictive search suggestions to verify if it leads to relevant product results. 6. Evaluate the relevance of these suggestions based on the original search query.	Test Data 1. Search Query: "Nike Air Zoom". 2. Predictive Suggestions: "Customers also searched for Nike react phantom not flyknit 2". 3. Click on one of these suggestions and verify the results.	The system should display predictive suggestions, and selecting one should lead to accurate and relevant product results.	1. Predictive search suggestions should be based on previous customer behavior and similar product categories. 2. Clicking on any predictive suggestion should lead to relevant product results. 3. The system should offer suggestions that enhance the user experience by showing related products or alternatives.	Predictive search are not implemented.	N/A	
9	Verify that an empty search query either provides an appropriate error message or redirects to an empty search page.	TC_SearchEmpty_017	Verify how the system handles an empty search query when the user submits without entering any text.	1. The search functionality is implemented. 2. Error handling for empty input queries is in place. 3. The user is logged in or visiting the homepage.	Medium	Search Functionality (Empty Query Handling)	https://demo.evershop.io/	1. Navigate to the homepage. 2. Locate the search bar. 3. Without typing anything, click on the "Search" button or press "Enter". 4. Observe the system's response. 5. Verify if an appropriate message or action occurs (e.g., error message or redirection to a new search page).	No search input data.	The system should display an error message or open a new search page to allow the user to input a valid query.	1. The system should prevent users from submitting empty search queries and display an appropriate error message (e.g., "Please enter a search term"). 2. Alternatively, the system could open a new search page asking for a search term.	1.Does not display an appropriate message 2. Alternatively, the system can not open new searches Page asking for a search term	Fail	Does not display an appropriate error message
10	Verify that the platform saves user search history and displays past search queries for logged-in users.	TC_SearchHistory_018	Verify that the system saves and shows past search queries to users when logged in, ensuring they can view or reuse previous searches.	1. Search functionality is enabled. 2. Search history feature is implemented in the system. 3. Privacy policy covers search history retention.	Medium	User Search History	https://demo.evershop.io/	1. Navigate to the homepage. 2. Perform multiple search queries (e.g., product names, brands, categories). 3. Navigate away from the search page (e.g., to another section of the website). 4. Return to the search page. 5. Check if the previously searched queries are displayed as search history. 6. Select a previous query from the history and verify that the correct results are displayed.	Search Queries: 1. "Nike Air Zoom" 2. "Nike react phantom not flyknit 2"	Search history should display previously entered queries, and users should be able to select a query to perform the search again.	1. The system should display previously searched queries for the logged-in user. 2. Clicking on a past search should show the search and display the same relevant results. 3. Search history should be saved securely and follow privacy guidelines.	Search history are not saved	Fail	search history don't show

Reports

Number of Test Case	18
Total Number of Pass Case	4
Total Number of Fail Case	8
Total Number of Not Aplicable Case	6
Total Fail Rate	44.44%
Total Pass Rate	22.22%
Total Not Aplicable Rate	33.33%