Product Search & Filtering

registered user

Test Cases

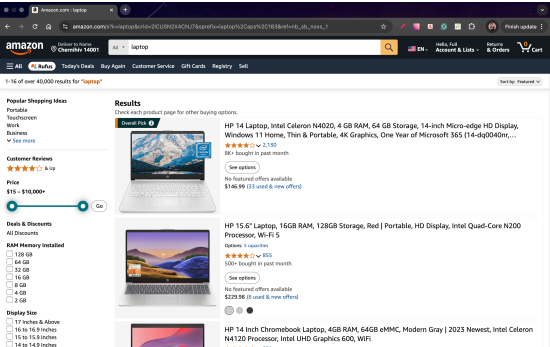**Test Cases**   5

C13: Verify search result for valid keywords

Type	Priority	Estimate	References
Functional	Critical	None	None
Automation Type			
None			

Preconditions

The user registered and logged in.
The homepage is loaded successfully.

Steps

1	Enter the keyword "laptop" in the search bar.	The keyword "laptop" is displayed in the search bar.
2	Click the "Search" button or press "Enter"	A list of relevant products matching the keyword is displayed. Each product displays a title, price, and image. Filters are displayed on the left side of the page.

C14: Check validation for empty search queries

Type	Priority	Estimate	References
Functional	Critical	None	None
Automation Type			
None			

Preconditions

The user is registered and logged in.
The homepage is loaded successfully.

Steps

1	Leave the search bar empty.	The input field is empty.
2	Click the "Search" button or press "Enter".	An appropriate validation message "Please enter a search term" appears. No search results are displayed.

C15: Test filtering options

Type	Priority	Estimate	References
Functional	Critical	None	None
Automation Type			
None			

Preconditions

The user is registered and logged in.
The homepage is loaded successfully.
The user is on the search results page after performing a search.

Steps

1   Select a price range filter.

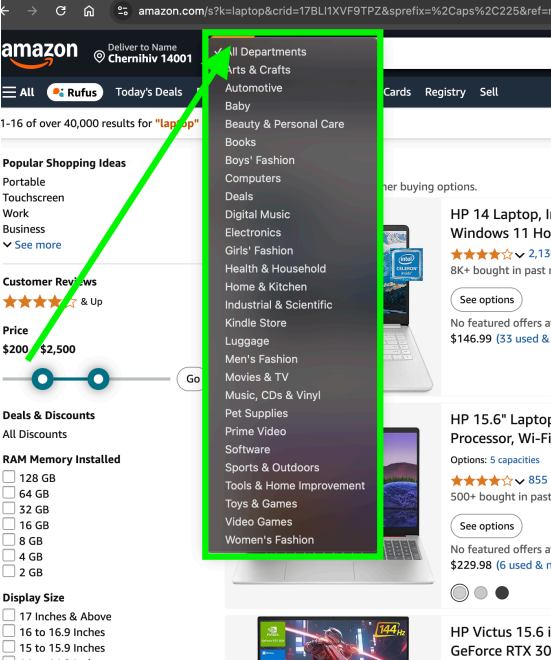The products is filtered by the provided price range.

2   Apply a category filter.

The products is filtered by the provided category.

3   Observe the updated search results.

Only products within the selected price range and category are displayed.
The applied filters are visible and functional.

C16: Verify sorting functionality

Type	Priority	Estimate	References
Functional	Critical	None	None
Automation Type			
None			

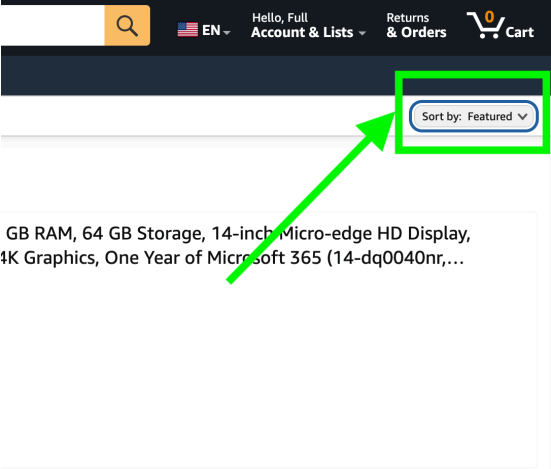### Preconditions

The user is registered and logged in.
The homepage is loaded successfully.
The user is on the search results page after performing a search.

Steps

1   Select the "Sort by: Price Low to High" option in the top right corner of the page from the sorting dropdown menu.
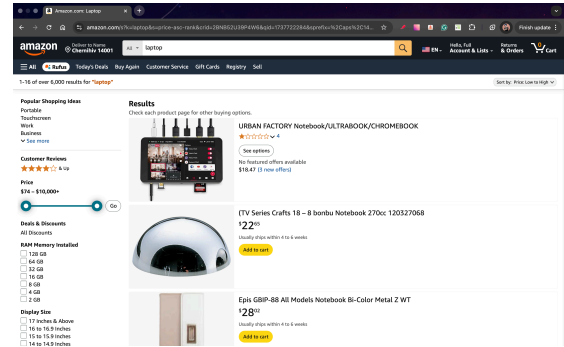

Sorting changes are applied without reloading the page unnecessarily.

2   Observe the order of the displayed products.   Products are displayed in ascending order of price.
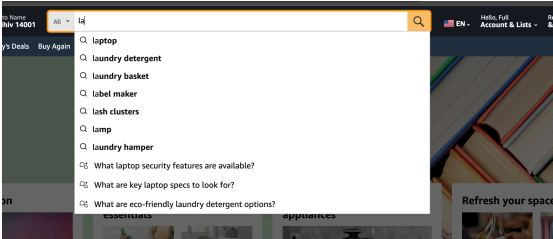
C17: Verify autocomplete suggestions in the search bar

Type	Priority	Estimate	References
Functional	Medium	None	None
Automation Type			
None			

Preconditions

The user is registered and logged in.
The homepage is loaded successfully.

Steps

1	Start typing a keyword in the search bar.	A dropdown list of relevant suggestions is displayed dynamically as the user types.
2	Observe the autocomplete suggestions dropdown.	The user can see the suggestion dropdown.
3	Select a suggestion from the dropdown.	Selecting a suggestion updates the search bar and redirects to the relevant search result page.