

Performance & Scalability

Test Cases

Test Cases 2

C29: Verify homepage loads within 2 seconds under normal load

| Type | Priority | Estimate | References |
|-----------------|----------|----------|------------|
| Performance | High | None | None |
| Automation Type | | | |
| None | | | |

Preconditions

The browser is opened.
The user is registered and logged in.
A stable internet connection is available (e.g., 50 Mbps or higher).
Performance testing tools are set up (WebPageTest).

Steps

| | | |
|---|---|--|
| 1 | Enter " https://www.amazon.com " in the URL bar and press Enter. | The homepage fully loads (all elements visible and interactive). |
| 2 | Use the performance testing tool to measure the load time of the homepage. | No delays or errors during page load. |

C30: Verify search results page loads within 3 seconds for up to 50 items

| Type | Priority | Estimate | References |
|-----------------|----------|----------|------------|
| Performance | High | None | None |
| Automation Type | | | |
| None | | | |

Preconditions

- The browser is opened.
- The user is registered and logged in.
- A stable internet connection is available (e.g., 50 Mbps or higher).
- Performance testing tools are set up (WebPageTest).
- A search keyword with more than 50 results exists.

Steps

| | | |
|---|--|--|
| 1 | Use the performance testing tool to measure the load time of the search results page for up to 50 items. | The search results page fully loads (all elements visible and interactive) within 3 seconds for up to 50 items. No delays or errors during page load. |
|---|--|--|