**Test Strategy Document**

**Project Name**: Amazon Search Functionality  
**Date**: [25-01-25]  
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**1. Objective**

The primary objective of this test strategy is to ensure the Amazon search functionality meets business requirements, delivers a seamless user experience, and complies with accessibility standards. This includes testing search auto-complete, relevance of results, filter functionality, delivery details, add-to-cart operations, and accessibility.

**2. Scope**

**In-Scope**:

* Functional testing of search functionality, including auto-complete, filtering, and product relevance.
* Accessibility testing of search controls.
* Usability testing for the "Add to Cart" and product detail navigation features.
* Regression testing to ensure existing functionality remains unaffected by changes.

**Out-of-Scope**:

* Backend API performance and load testing (separate effort).
* Payment gateway or checkout flow testing.
* Testing outside the current supported regions or languages.

**3. Test Approach**

**Functional Testing**:

* + Verify that search results are relevant and sorted correctly based on the query.
  + Test auto-complete suggestions to ensure they are accurate and useful.
  + Validate that filters work as expected and dynamically adjust to current search results.
  + Confirm that the delivery date is displayed accurately for each product.

**4. Test Deliverables**

* **Test Plan**: Comprehensive document outlining all test scenarios.
* **Test Cases**: Detailed test cases stored in the test execution sheet.

**5. Testing Tools**

* **Test Management**: Jira or TestRail for managing test cases and bug tracking.

**6. Entry and Exit Criteria**

**Entry Criteria**:

* Functional requirements and design documents are finalized.
* Test environment is set up and stable.
* Test data for various scenarios is prepared.

**Exit Criteria**:

* All critical test cases have been executed.
* All high and medium priority defects have been fixed and re-verified.
* Test summary report is reviewed and signed off.

**7. Test Environment**

* **Devices**: Desktop, Mobile (iOS/Android).
* **Browsers**: Latest versions of Chrome, Firefox, Safari, and Edge.
* **Network Conditions**: Include testing under different bandwidths (e.g., 4G, 3G).