# Sample User Story Export

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## Product Filtering Enhancement

**User Story**

As an **online shopper**, I want to **filter products by category, price range, and customer rating**, so that **I can quickly find items that meet my specific needs and save time.**

**Status:** Ready for Development

**Priority:** High

**Story Points:** 8

**Acceptance Criteria (Gherkin Format)**

1. Given I am on the product listing page with more than 1,000 items available, When I apply a category filter, Then the results update instantly to show only products in that category.

2. Given I am viewing a filtered or unfiltered product list, When I set a minimum and maximum price range using the price slider, Then only products within that price range are displayed.

3. Given products have customer ratings from 1 to 5 stars, When I select a minimum rating filter (e.g., 4 stars and above), Then only products with that rating or higher appear in the results.

4. Given I have applied multiple filters (e.g., category, price, and rating), When I clear all filters, Then the product list resets to show all items in the current context without any filters applied.

5. Given I am using either a desktop or mobile device, When I interact with any filter control, Then the interface responds within 1 second and remains usable on both screen sizes.

6. Given the catalogue contains up to 20,000 products, When I apply any combination of valid filters, Then the system returns results in under 2 seconds without timing out or crashing.

7. Given no products match my selected filters, When the results are loaded, Then a clear message is displayed stating "No products match your filters" along with an option to reset filters.

8. Given I apply a filter and then navigate away and return to the product listing page, When the page reloads, Then my previously selected filters are retained and reapplied automatically.

**Additional Notes**

• Assumes product data (including category, price, and rating) is consistently available in the backend catalogue.

• Performance criteria assume typical network conditions (≥3G or Wi-Fi).

• Filter UI must be responsive and accessible per WCAG 2.1 AA standards.

• Backend must support efficient querying of up to 20K products with indexed filter fields.

**Epic:** E-commerce Platform Enhancement

**Project:** Online Store Modernization

**Tags:** filtering, search, ux, performance, accessibility

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