

Regression

Regression checklist - Catalog listing (PLP)

Scope

- Page: Product listing with search - filters - sorting - pagination
- Role: Guest user
- Browsers: Chrome - Firefox - Safari - Edge
- Viewports: Desktop - Mobile 360×640

Test data prerequisites

- At least 20 products with varied categories - prices - availability
- Some products without images - some with discounts - some without
- A query that returns zero results

1. Page load and layout

- URL returns 200 - no console errors
- Grid renders correctly on Desktop and Mobile
- Skeletons or placeholders show before data arrives
- Missing images fall back to a placeholder

2. Search

- Search input visible with correct placeholder
- Typing triggers debounced requests - no request per keystroke
- Enter starts search
- Clear button or Esc resets query and results
- Case insensitive results (iphone vs iPhone)
- Empty query restores default listing

3. Filters

- Category filter narrows results correctly
- Price filter min - max works - boundary values included
- Availability filter hides out of stock when selected
- Multi-select combines filters correctly
- Clear all removes every active filter
- URL reflects filter state and is shareable

4. Sorting

- Options: Popularity - Price low to high - Price high to low - Newest
- Order changes without dropping active search or filters
- Re-applying same option does not re-fetch unnecessarily
- URL reflects sort option

5. Pagination or infinite scroll

- Next page preserves search - filters - sorting
- Back to previous page restores state without full reload
- Infinite scroll loads additional items once per batch - no duplicates
- No empty page at exact multiples of page size

6. Product card basics

- Name - price - image - discount badge render correctly
- Discounted items show struck-through old price and new price
- View details opens correct PDP URL in same tab
- Out of stock clearly labeled - action buttons hidden or disabled

7. State persistence and navigation

- F5 keeps current state (search - filters - sort - page)
- Browser Back - Forward restore the same state
- Returning from PDP keeps scroll position and parameters

8. Empty and error states

- No results shows friendly empty state and Clear filters action
- Network errors show toast or inline message with Retry
- Filters and search do not reset on transient errors

9. Accessibility and keyboard

- Tab order reaches search - filters - sorting - pagination
- Labels associated to controls - filters usable via keyboard
- ARIA live updates for result count and empty state
- Adequate contrast on cards and controls

10. Localization - currency - formatting

- Currency formatting follows locale (DE and EN)
- Date based sorting for Newest respects locale
- Decimal separators and currency symbol are correct

11. Performance smoke

- Initial list meets target TTI on Desktop and Mobile
- Page changes do not cause unnecessary full reflows

12. Analytics - optional

- view_list event on first render
 - Distinct events for search - filter - sort with no duplicates
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Regression checklist - Product details page (PDP) and Add to cart

Scope

- Page: Product details with gallery - variants - price - stock - add to cart
- Role: Guest user
- Browsers: Chrome - Firefox - Safari - Edge
- Viewports: Desktop - Mobile 360×640

Test data prerequisites

- One simple SKU (Stock Keeping Unit) without variants
- One multi-variant product (size - color)
- One out of stock product
- One discounted product
- One product with multiple images and one with a video

1. Page load and SEO basics

- PDP URL returns 200 - no console errors
- Title - meta description - canonical link present
- Breadcrumbs render and link back to PLP correctly

2. Gallery and media

- Thumbnails load - clicking changes main image
- Zoom or lightbox works - Esc closes
- Swiping on Mobile works
- Video plays - controls usable - no autoplay with sound
- Missing images use placeholder - no layout shift

3. Product info block

- Name - price - SKU - brand visible
- Discount shows old price struck through and new price
- Tax and shipping notes render per locale
- Stock status correct for each SKU

4. Variants and options

- Selecting variant updates price
- Disabled options for unavailable combinations
- URL or state reflects selected variant so refresh preserves selection
- Error shown if user clicks Add to cart without required variant

5. Quantity and validators

- Quantity control increments - decrements - manual input clamps to min 1 and max stock limit
- Non-numeric input sanitized
- Stock errors handled gracefully

6. Add to cart

- Click Add to cart sends a single request - no duplicates on double click
- Success feedback: mini cart or toast appears with correct item - price - quantity
- Cart count updates
- Out of stock prevents add with clear message
- Error state shows retry without adding ghost items

7. Cross sell and recommendations

- Related products render without breaking page
- Clicking a recommendation opens its PDP in same tab unless specified

8. Delivery and returns

- Delivery estimate updates when changing postcode or country if the feature exists
- Returns and warranty info links open correctly

9. Content sections

- Description - specs - reviews tabs switch content without reloading page
- Long content collapses with Read more - keyboard accessible
- Reviews show correct aggregate rating and count

10. Accessibility and keyboard

- Focus order logical from gallery to Add to cart
- Labels and aria-describedby on variant selectors
- Add to cart operable with Enter and Space
- Color options have text or pattern for non-color users

11. State persistence and navigation

- Refresh keeps selected variant and quantity
- Back to PLP returns to previous scroll position and parameters
- Opening PDP from a new tab preserves PLP state in original tab

12. Analytics - optional

- view_item event fires on PDP load
- add_to_cart event fires once per successful add
- Variant change tracked if required

13. Performance smoke

- First image shown quickly - no layout shift on price or title
- Add to cart response time within target SLA