

Verify product details display correctly

| | | | |
|----------|-----------|----------|-----------------|
| Priority | Severity | Behavior | Type |
| High | Normal | Positive | Functional |
| Layer | Is Flaky | Is Muted | Automation |
| E2E | No | No | To be automated |
| Status | Milestone | | |
| Actual | - | | |

Description

Test for correct display of product name, image, description, and price

Preconditions

User is logged in and on Product Details Page

Postconditions

Product name, image, description, and price are displayed correctly

Steps to reproduce

| # | Step | Action | Expected Result |
|---|----------------------------------|--------|-----------------|
| 1 | Navigate to Inventory Page | | |
| 2 | Click on a product name or image | | |
| 3 | Observe product details | | |

Verify Add to Cart from Product Details Page

| | | | |
|----------|-----------|----------|-----------------|
| Priority | Severity | Behavior | Type |
| High | Normal | Positive | Functional |
| Layer | Is Flaky | Is Muted | Automation |
| E2E | No | No | To be automated |
| Status | Milestone | | |
| Actual | - | | |

Description

Test adding a product to cart from Product Details Page

Preconditions

User is logged in and on Product Details Page

Postconditions

Product is added to cart and cart count is updated

Steps to reproduce

| # | Step | Action | Expected Result |
|---|--|--------|-----------------|
| 1 | Click "Add to cart" button | | |
| 2 | Click cart icon to verify product addition | | |

SD-22 / Product Details

Verify Remove from Cart from Product Details Page

| | | | |
|----------|-----------|----------|------------|
| Priority | Severity | Behavior | Type |
| Medium | Minor | Positive | Functional |
| Layer | Is Flaky | Is Muted | Automation |
| E2E | No | No | Manual |
| Status | Milestone | | |
| Actual | - | | |

Description

Test removing a product from cart via Product Details Page

Preconditions

Product is already added to cart

Postconditions

Product is removed from cart and cart count is decreased

Steps to reproduce

| # | Step | Action | Expected Result |
|---|---|--------|-----------------|
| 1 | Click "Remove" button on Product Details Page | | |

SD-23 / Product Details

Verify Back to Products button navigates correctly

| | | | |
|----------|-----------|----------|-----------------|
| Priority | Severity | Behavior | Type |
| High | Normal | Positive | Functional |
| Layer | Is Flaky | Is Muted | Automation |
| E2E | No | No | To be automated |
| Status | Milestone | | |
| Actual | - | | |

Description

Test for navigation back to Inventory Page

Preconditions

User is logged in and on Product Details Page

Postconditions

User is navigated back to Inventory Page

Steps to reproduce

| # | Step | Action | Expected Result |
|---|---------------------------------|--------|-----------------|
| 1 | Click "Back to products" button | | |

SD-24 / Product Details

Verify Add to Cart button changes to Remove

| | | | |
|----------|-----------|----------|-----------------|
| Priority | Severity | Behavior | Type |
| Medium | Minor | Positive | Functional |
| Layer | Is Flaky | Is Muted | Automation |
| E2E | No | No | To be automated |
| Status | Milestone | | |
| Actual | - | | |

Description

Test button label changes after adding product to cart

Preconditions

User is logged in and on Product Details Page

Postconditions

Button changes from "Add to cart" to "Remove"

Steps to reproduce

| # | Step | Action | Expected Result |
|---|-----------------------------|--------|-----------------|
| 1 | Click "Add to cart" button | | |
| 2 | Observe button label change | | |

Verify broken product image shows placeholder

| | | | |
|----------|-----------|----------|------------|
| Priority | Severity | Behavior | Type |
| Low | Minor | Negative | Functional |
| Layer | Is Flaky | Is Muted | Automation |
| E2E | No | No | Manual |
| Status | Milestone | | |
| Actual | - | | |

Description

Test handling of broken product image

Preconditions

Product image URL is broken

Postconditions

Default placeholder image is displayed in place of broken image

Steps to reproduce

| # | Step | Action | Expected Result |
|---|--|--------|-----------------|
| 1 | Navigate to Product Details Page where image is intentionally broken | | |

Verify direct URL access to non-existent product

| | | | |
|----------|-----------|----------|------------|
| Priority | Severity | Behavior | Type |
| Medium | Normal | Negative | Functional |
| Layer | Is Flaky | Is Muted | Automation |
| E2E | No | No | Manual |
| Status | Milestone | | |
| Actual | - | | |

Description

Test accessing invalid product ID via direct URL

Preconditions

User is logged in

Postconditions

User is shown error message or redirected back to Inventory Page

Steps to reproduce

| # | Step | Action | Expected Result |
|---|---|--------|-----------------|
| 1 | Enter invalid URL (e.g., /inventory-item.html?id=999) | | |
| 2 | Observe behavior | | |