SD-20 / Product Details

Verify product details display correctly

Priority	Severity	Behavior	Type
High	Normal	Positive	Functional

Layer	Is Flaky	Is Muted	Automation
E2E	No	No	Manual

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		

SD-21 / 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	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	Automated

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	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	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		

SD-25 / Product Details

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		

SD-26 / Product Details

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		