

Test Case ID	Test Case Description	Test Steps	Pre-Conditions	Test Data	Expected Results	Status	Linked issues	Automation Candidate
TS-05		Check shopping functionality before redirecting to the shopping cart						
TC_IP_01	[Desktop] [Mobile] [Tablet] Verify the ability to add the product to the shopping cart	1. Add product to the shopping cart	1. User is logged in 2. The inventory page is opened 3. [Mobile] [Tablet] Inspect the page with Chrome DevTools>Toggle Device Toolbar; Change the Dimensional: Responsive.	Username: standard_user ; Password: secret_sauce;	The product is successfully added to the shopping cart.	Pass		Yes
TC_IP_02	[Desktop] [Mobile] [Tablet] Verify the ability to remove the product from the shopping cart	1.Remove product from the shopping cart	1. User is logged in 2. The inventory page is opened 3. [Mobile] [Tablet] Inspect the page with Chrome DevTools>Toggle Device Toolbar; Change the Dimensional: Responsive.	Username: standard_user ; Password: secret_sauce;	The product has been successfully removed from the shopping cart.	Pass		Yes
TC_IP_03	[Desktop] [Mobile] [Tablet] Verify that the quantity icon (shopping_cart_badge) appears in the shopping cart when adding a product	1. Add product to the shopping cart 2. Overlooked the shopping card badge	1. User is logged in 2. The inventory page is opened 3. [Mobile] [Tablet] Inspect the page with Chrome DevTools>Toggle Device Toolbar; Change the Dimensional: Responsive.	Username: standard_user ; Password: secret_sauce;	The product is added to the shopping cart and the user receives a visual confirmation.	Pass		Yes
TC_IP_04	[Desktop] [Mobile] [Tablet] Verify the decrease in product quantity in the shopping_cart_badge after removing the product.	1. Add 2 products to the shopping cart 2. Check the shopping cart badge 3. Remove one product from the shopping cart	1. User is logged in 2. The inventory page is opened 3. [Mobile] [Tablet] Inspect the page with Chrome DevTools>Toggle Device Toolbar; Change the Dimensional: Responsive.	Username: standard_user ; Password: secret_sauce;	The product quantity displayed in the shopping_cart_badge is decreased accordingly.	Pass		Yes
TC_IP_05	[Desktop] [Mobile] [Tablet] Verify the ability to add the same product twice to the shopping cart	1. Add product to the shopping cart 2. Open the shopping cart page. 3. Change the quantity of product using the quantity selector 4. Observe the shopping cart list	1. User is logged in 2. The inventory page is opened 3. [Mobile] [Tablet] Inspect the page with Chrome DevTools>Toggle Device Toolbar; Change the Dimensional: Responsive.	Username: standard_user ; Password: secret_sauce;	The product is successfully added to the shopping cart.	Fail	BR-001 - [Desktop] Changing product quantity in the shopping cart is not possible after adding the same product twice	Yes
TC_IP_06	[Desktop] [Mobile] [Tablet] Verify redirection from the inventory page to the shopping cart page when the cart is empty.	1. Click on the shopping card 2. Redirects to check out page	1. User is logged in 2. The inventory page is opened 3. [Mobile] [Tablet] Inspect the page with Chrome DevTools>Toggle Device Toolbar; Change the Dimensional: Responsive.	Username: standard_user ; Password: secret_sauce;	The user is redirected to the shopping cart page, and the cart is displayed as empty.	Pass		Yes
TC_IP_07	[Desktop] [Mobile] [Tablet] Verify adding a product to the shopping cart from a product page opened in a new tab and reflecting the update on the main page after main page refresh	1. Right-click on the product header 2. Choose open in new tab 3. Add product to the shopping cart. 4. Open the previous tab 5. Reload page 6. Check the shopping cart badge	1. User is logged in 2. The inventory page is opened 3. [Mobile] [Tablet] Inspect the page with Chrome DevTools>Toggle Device Toolbar; Change the Dimensional: Responsive.	Username: standard_user ; Password: secret_sauce;	The product is successfully added to the shopping cart from the product page opened in a new tab, and the shopping cart state is correctly updated on the main page.	Pass		Partial
TC_IP_08	[Desktop] [Mobile] [Tablet] Verify adding a product to the shopping cart from a product page and reflecting the update on the main page after return	1. Click on the product header 2. Open the product page 3. Add product to the shopping cart. 4. Press "Back to products" 5. Check the shopping cart badge	1. User is logged in 2. The inventory page is opened 3. [Mobile] [Tablet] Inspect the page with Chrome DevTools>Toggle Device Toolbar; Change the Dimensional: Responsive.	Username: standard_user ; Password: secret_sauce;	The product was successfully added to the cart from the product page, and the shopping cart state is correctly displayed on the home page.	Pass		Partial
TC_IP_09	[Navigation] [Desktop] [Mobile] [Tablet] Verify navigation to the product page by clicking the product image.	1.Click on the product image 2. Redirects to the product page	1. User is logged in 2. The inventory page is opened 3. [Mobile] [Tablet] Inspect the page with Chrome DevTools>Toggle Device Toolbar; Change the Dimensional: Responsive.	Username: standard_user ; Password: secret_sauce;	Clicking the product image opens the corresponding product page.	Pass		Yes
TS-06		Check header and subheader functionality on the Inventory page						

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TC_IP_09	[Desktop] [Mobile] [Tablet] Verify the side menu opened by burger_menu_btn.	1.Click on the burger_menu_btn	1. User is logged in 2. The inventory page is opened 3. [Mobile] [Tablet] Inspect the page with Chrome DevTools>Toggle Device Toolbar; Change the Dimensional: Responsive.	Username: standard_user ; Password: secret_sauce;	The side menu is opened, from the left side of the screen on Desktop and Tablet. On mobile, cover the entire screen.	Pass		Yes
TC_IP_10	[Desktop] [Mobile] [Tablet] Verify navigation to the shopping cart page by clicking the shopping cart.	1. Click on the shopping card 2. Redirects to check out page	1. User is logged in 2. The inventory page is opened 3. [Mobile] [Tablet] Inspect the page with Chrome DevTools>Toggle Device Toolbar; Change the Dimensional: Responsive.	Username: standard_user ; Password: secret_sauce;	The user is redirected to the shopping cart page, and the cart is displayed	Pass		Yes
TC_IP_11	[Desktop] [Mobile] [Tablet] Verify the product cards filtration by name from A to Z	1. Click on the filter drop-down list 2. Select the A to Z option 3. Check products list for compliance with the filtering	1. User is logged in 2. The inventory page is opened 3. [Mobile] [Tablet] Inspect the page with Chrome DevTools>Toggle Device Toolbar; Change the Dimensional: Responsive.	Username: standard_user ; Password: secret_sauce;	Products are filtered by the selected filter parameter.	Pass		Yes
TC_IP_12	[Desktop] [Mobile] [Tablet] Verify the product cards filtration by name from Z to A	1. Click on the filter drop-down list 2. Select the Z to A option 3. Check products list for compliance with the filtering	1. User is logged in 2. The inventory page is opened 3. [Mobile] [Tablet] Inspect the page with Chrome DevTools>Toggle Device Toolbar; Change the Dimensional: Responsive.	Username: standard_user ; Password: secret_sauce;	Products are filtered by the selected filter parameter.	Pass		Yes
TC_IP_13	[Desktop] [Mobile] [Tablet] Verify the product cards filtration by price from low to high	1. Click on the filter drop-down list 2. Select the low to high option 3. Check products list for compliance with the filtering	1. User is logged in 2. The inventory page is opened 3. [Mobile] [Tablet] Inspect the page with Chrome DevTools>Toggle Device Toolbar; Change the Dimensional: Responsive.	Username: standard_user ; Password: secret_sauce;	Products are filtered by the selected filter parameter.	Pass		Yes
TC_IP_14	[Desktop] [Mobile] [Tablet] Verify the product cards filtration by price from high to low	1. Click on the filter drop-down list 2. Select the high to low option 3. Check products list for compliance with the filtering	1. User is logged in 2. The inventory page is opened 3. [Mobile] [Tablet] Inspect the page with Chrome DevTools>Toggle Device Toolbar; Change the Dimensional: Responsive.	Username: standard_user ; Password: secret_sauce;	Products are filtered by the selected filter parameter.	Pass		Yes
TS-07		Check the layout and elements of the Inventory page						
TC_IP_15	[Desktop] Verify the product card's name is highlighted after hovering over	1. Navigate the mouse cursor over the product card's name 2. Check the visual representation changes in the product card's name	1. User is logged in 2. The inventory page is opened	Username: standard_user ; Password: secret_sauce;	The product card name is visually highlighted in color(#4eda98) when the mouse cursor hovers over it.	Pass		Partial
TC_IP_16	[Desktop] Verify the cursor changes to a different view mode after hovering over the product card's name	1. Navigate the mouse cursor over the product card's name 2. Check the visual representation changes in the cursor	1. User is logged in 2. The inventory page is opened	Username: standard_user ; Password: secret_sauce;	The cursor changes to a different view mode when hovering over the product card name.	Pass		Partial
TC_IP_17	[Desktop] Verify that the product card's button "Add to cart" changed visual appearance to "Remove" after click	1. Navigate the mouse cursor over the product card's button 2. Click on the button 3. Check the appearance - border color is red(#e2231a) 4. Check the text changed to "Remove" and the text's color is red(#e2231a)	1. User is logged in 2. The inventory page is opened	Username: standard_user ; Password: secret_sauce;	After clicking the "Add to cart" button, it changes to "Remove". The button border and text color change to red (#e2231a).	Pass		Yes
TC_IP_18	[Desktop] [Mobile] [Tablet] Verify that the layout is displayed correctly without visual issues across pages.	1. Inspect the page with Chrome DevTools>Toggle Device Toolbar 2. Switch between Desktop, Mobile, and Tablet viewports 3. Check the layout for visual issues, overlaps, or broken elements.	1. User is logged in 2. The inventory page is opened	Username: standard_user ; Password: secret_sauce;	The layout is displayed correctly across all pages without visual issues, overlaps, or broken elements on Desktop, Mobile, and Tablet.	Pass		No

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TC_IP_19	[Desktop] [Mobile] [Tablet] Verify the page has correct visibility in different window sizes	1. Inspect the page with Chrome DevTools>Toggle Device Toolbar 2. Switch between Desktop, Mobile, and Tablet viewports 3. Observe page content visibility and layout behavior.	1. User is logged in 2. The inventory page is opened	Username: standard_user ; Password: secret_sauce;	The page content is displayed correctly at different window sizes without layout breaks, overlaps, or hidden elements.	Pass		No
TS-08		Check the appearance, content and functionality of product cards						
TC_IP_20	[UI] [Desktop] Verify that product names are displayed correctly on product cards	1. Observe the product name on the inventory page. 2. Verify that the description corresponds to the correct product.	1. User is logged in 2. The inventory page is opened	Username: standard_user ; Password: secret_sauce;	Each product card displays a readable, non-truncated product name that matches the expected product data.	Fail	BR-002 - [Desktop] The product card name contains a technical string is displayed to the user	Yes
TC_IP_21	[UI] [Desktop] Verify that product descriptions are displayed correctly on product cards	1. Observe the product images on the inventory page. 2. Verify that the description corresponds to the correct product.	1. User is logged in 2. The inventory page is opened	Username: standard_user ; Password: secret_sauce;	Each product card displays a description corresponding to the correct product, without visual truncation or layout issues.	Fail	BR-002 - [Desktop] The product card description contains a technical string is displayed to the user	Yes
TC_IP_22	[UI] [Desktop] Verify that product images correspond to the product name and description	1. Observe the product image 2. Compare with product name and description	1. User is logged in 2. The inventory page is opened	Username: standard_user ; Password: secret_sauce;	The product image visually matches the product name and description displayed on the same product card.	Pass		Yes
TC_IP_23	[Data Consistency] [Desktop] Verify consistency of product name and description between inventory page and product page	1. Open the product page in a new tab. 2. Compare the product name and description on the inventory page and the product page.	1. User is logged in 2. The inventory page is opened	Username: standard_user ; Password: secret_sauce;	The product name and description on the product page match the corresponding text displayed on the inventory page.	Pass		Yes
TC_IP_24	[Data Consistency] [Desktop] Verify price consistency between product card and product page	1. Observe the product price displayed on the product card on the inventory page. 2. Click on the product name or image to open the product page. 3. Compare the product price on the inventory page and the product page.	1. User is logged in 2. The inventory page is opened	Username: standard_user ; Password: secret_sauce;	The product price displayed on the inventory page matches the price shown on the product page.	Pass		Yes
TC_IP_25	[Cart] [Desktop] Verify the ability to remove a product from the cart on the product page	1. Add the product to the shopping cart 2. Click on the product name and redirect to the product page 3. Click on the "Remove" button 4. Check the shopping cart count	1. User is logged in 2. The inventory page is opened	Username: standard_user ; Password: secret_sauce;	The product is successfully removed from the cart and the cart badge updates accordingly.	Pass		Yes
TS-09		Check accessibility via keyboard navigation on the Inventory page						
TC_IP_26	[Accessibility Keyboard navigation] [Desktop] Verify keyboard navigation order on the inventory page	1. Press the Tab key repeatedly to navigate through all interactive elements from top to bottom. 2. Observe the focus order. 3. Press Shift + Tab to navigate through the interactive elements from bottom to top. 4. Observe the reverse focus order.	1. User is logged in 2. The inventory page is opened 3. [Optional] Check the keyboard navigation map in "Wave" on the Order tab	Username: standard_user ; Password: secret_sauce;	No elements are skipped or receive focus unexpectedly. Reverse navigation using Shift + Tab follows the same order in reverse	Pass		Partial

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TC_IP_27	[Accessibility Keyboard navigation][Desktop]Verify that the focus element is highlighted and clearly visible with the keyboard	1. Press the Tab key to navigate through all interactive elements from top to bottom. 2. Observe the highlight on the focus element	1. User is logged in 2. The inventory page is opened 3. [Optional] Check the keyboard navigation map in "Wave" on the Order tab	Username: standard_user ; Password: secret_sauce;	All interactive elements are clearly visible and visually highlighted when focused	Fail	BR-004 - [Accessibility] [Desktop] Unavailable visual highlighting in the focus element with the keyboard navigation on the inventory page	Partial
TC_IP_28	[Accessibility Screen reader] [Desktop] Verify the image elements clearly contained the alt-text	1. Inspect the product image with Chrome DevTools>Elements 2. Observe an img alt = " text " 3. Compare with product name and description 4.Move to the next element	1. User is logged in 2. The inventory page is opened	Username: standard_user ; Password: secret_sauce;	Product images contain meaningful alt text that accurately describes the corresponding product.	Pass		Partial
TC_IP_29	[Accessibility Color Contrast] [Desktop] Verify the interactive elements color meets WCAG requirements	1. Identify interactive elements (buttons, links, labels) on the inventory page. 2. Inspect element colors using browser DevTools or accessibility tools. 3. Verify contrast ratios between text and background.	1. User is logged in 2. The inventory page is opened 3. [Optional] Use the color contrast checker website webaim.org	Username: standard_user ; Password: secret_sauce;	All pair values received WCAG AA and/or WCAG AAA values	Pass		No
TC_IP_30	[Accessibility Screen reader] [Desktop] Verify the interactive elements are clearly labeled by "aria-label"	1. Inspect the element with Chrome DevTools 2. Open Elements >Accessibility >Computed Properties>Name:"" 3. Observe a "aria-label" field 4. Move to the next element	1. User is logged in 2. The inventory page is opened	Username: standard_user ; Password: secret_sauce;	The "area-labels" are contained in all interactive elements.	Fail	BR-005 - [Accessibility Screen reader] [Desktop] Lack accessible names "area-labels" required for screen readers in interactive elements on the inventory page	Partial
TS-10		Check the inventory page quality metrics using Lighthouse						
TC_IP_31	[Performance][Desktop] [Mobile] Verify the page performance metrics with "Lighthouse" performance thresholds	1. Inspect the page with Chrome DevTools 2. Open the Lighthouse tab 2. Set Mode: a valid to platform 3. Click on the button: Analyze page load 4. Observe Performance score and metrics	1. User is logged in 2. The inventory page is opened 3. [Optional] For the best result, open the page on an incognito window	1. [Desktop] Set Mode: Navigation, Device: Desktop , Category: Performance 2. [Mobile] Set Mode: Navigation, Device: Mobile , Category: Performance	The performance score in the Lighthouse report is ≥ 80 points. No critical violations were detected; metrics are in positive values	Pass		No
TC_IP_32	[Accessibility] [Desktop] [Mobile] Verify the page accessibility metrics with "Lighthouse" accessibility thresholds	1. Inspect the page with Chrome DevTools 2. Open the Lighthouse tab 2. Set Mode: a valid to platform 3. Click on the button: Analyze page load 4. Observe Accessibility score and metrics	1. User is logged in 2. The inventory page is opened 3. [Optional] For the best result, open the page on an incognito window	1. [Desktop] Set Mode: Navigation, Device: Desktop , Category: Accessibility 2. [Mobile] Set Mode: Navigation, Device: Mobile , Category: Accessibility	The accessibility score in the Lighthouse report is ≥ 90 points. No critical violations were detected; metrics are in positive values	Pass		No
TC_IP_33	[SEO] [Desktop] [Mobile] Verify the page SEO metrics with "Lighthouse" SEO thresholds	1. Inspect the page with Chrome DevTools 2. Open the Lighthouse tab 2. Set Mode: a valid to platform 3. Click on the button: Analyze page load 4. Observe SEO score and metrics	1. User is logged in 2. The inventory page is opened 3. [Optional] For the best result, open the page on an incognito window	1. [Desktop] Set Mode: Navigation, Device: Desktop , Category: SEO 2. [Mobile] Set Mode: Navigation, Device: Mobile , Category: SEO	The SEO score in the Lighthouse report is ≥ 80 points. No critical violations were detected; metrics are in positive values	Pass		No

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Summary		Test execution result		Automation Candidate result				
								