| Module Name | Test Case ID | Description | Pre-Conditions | Test Data | Test Steps | Expected Result |
|---|---|---|---|---|---|---|
| Login | TC-1 | Verify the login functionality with valid username and valid password | | username: standard_user password: secret_sauce | 1. Enter valid username (see test data) 2. Enter valid password (see test data) 3. Click "Login" button | 1. The password is masked upon typing (***) 2. Login is successful 3. User is navigated to "Inventory" screen with Products list https://www.saucedemo.com/inventory.html |
| | TC-2 | Verify the login functionality with invalid username and valid password | | username: invalid_user password: secret_sauce | 1. Enter invalid username 2. Enter valid password 3. Click "Login" button | 1. Error message appears "Username and password do not match any user in this service" highlighted with the red color 2. User cannot login |
| | TC-3 | Verify the login functionality with valid username and invalid password | | username: standard_user password: secret_password | 1. Enter valid username 2. Enter invalid password 3. Click "Login" button | 1. Error message appears "Username and password do not match any user in this service" highlighted with the red color 2. User cannot login |
| | TC-4 | Verify the login functionality with invalid username and invalid password | Login screen is opened https://www.saucedemo.com/ | username: invalid_user password: user_password | 1. Enter invalid username 2. Enter invalid password 3. Click "Login" button | 1. Error message appears "Username and password do not match any user in this service" highlighted with the red color 2. User cannot login |
| | TC-5 | Verify the login functionality leaving empty username and password upon login | | username: password: | 1. Leave username and password fields empty 2. Click "Login" button | 1. Error message appears "Username is required" highlighted with the red color 2. User cannot login |
| | TC-6 | Verify the login page loading time | | | 1. Clear browser cache and cookies 2. Navigate to https://www.saucedemo.com/ 3. Measure the time of login screen load: - Open Dev tool in the browser ("More tools" → "Developer Tools") - Performance tab - Check the local metrics upon page load | Login page loads up to 2 sec |
| Logout | TC-7 | Verify the user can log out from the website https://www.saucedemo.com/ | User is logged in to https://www.saucedemo.com/ | username: standard_user password: secret_sauce | 1. Click menu item on the top left corner 2. Click "Logout" button | 1. The user is logged out from the website 2. https://www.saucedemo.com/ login screen is opened |
| Products screen | TC-8 | Verify the "Products" page menu and headers | 1. The user is logged in to https://www.saucedemo.com/ with valid email and password 2. https://www.saucedemo.com/inventory.html page is opened | | 1. Check the menu items and headers on the "Products" page: - Menu icon is present on the top left corner of Products list - "Swag Labs" header is shown centered on the top - "Products" header is shown on the top left - "Cart" icon is present on the top right corner - Sorting button is present on the top right corner below the cart - Footer with the links to social media (Twitter, Facebook, LinkedIn) and "© 2025 Sauce Labs. All Rights Reserved. Terms of Service | Privacy Policy" is present | 1. Menu icon is present on the top left corner of Products list 2. "Swag Labs" header is shown centered on the top 3. "Products" header is shown on the top left 4. "Cart" icon is present on the top right corner 5. Sorting button is present on the top right corner below the cart 6. Footer with the links to social media (Twitter, Facebook, LinkedIn) and "© 2025 Sauce Labs. All Rights Reserved. Terms of Service | Privacy Policy" is present |
| | TC-9 | Verify all expected product items are displayed in Products list | 1. The user is logged in to https://www.saucedemo.com/ with valid email and password 2. Access to the DB → Products table is granted | | 1. Check the Products list https://www.saucedemo.com/inventory.html 2. Verify that all the expected product items (6) are presented on the page (compare with the number of active and not deleted items in the DB) 3. Use scroll to check all the Product items are loaded and displayed | 1. All active product items (Sauce Labs Backpack, Sauce Labs Bike Light, Sauce Labs Bolt T-Shirt, Sauce Labs Fleece Jacket, Sauce Labs Onesie, Test.allTheThings() T-Shirt (Red)) are displayed in Products list 2. User can scroll the page and see all the product items |
| | TC-10 | Verify the product item is shown with all the necessary details | 1. The user is logged in to https://www.saucedemo.com/ with valid email and password 2. Access to the DB → Products table is granted | username: standard_user password: secret_sauce | 1. Verify the Products loading page 2. Choose any Product in the list to validate with the data in the DB 3. Check the "Inventory item name" on the website comparing with the DB 4. Check the "Inventory item description" on the website comparing with the DB 5. Check the "Inventory item price" on the website comparing with the DB 6. Check the "Inventory item image" on the website | 1. Products list is loaded without errors 2. The Product information is displayed correctly and corresponds to the DB data: - Name - Description - Price - Image |
| | TC-11 | Verify that "Add to cart" button is present near each Product item | | | Check that "Add to cart" button is shown for each Product item | Each product has an enabled "Add to cart" button |
| | TC-12 | Verify the sorting of "Products" list | 1. The user is logged in to https://www.saucedemo.com/ with valid email and password 2. https://www.saucedemo.com/inventory.html page is opened | | 1. Check the "Products" item list is sorted by "Name (A to Z)" by default 2. Check a user can sort the list by "Name (Z to A)" - verify the Product items are sorted correctly 3. Check a user can sort the list by "Price (low to high)" - verify the Product items are sorted correctly 4. Check a user can sort the list by "Price (high to low)" - verify the Product items are sorted correctly 5. Refresh the screen - check the "Products" item list is sorted by "Name (A to Z)" by default | 1. Products list items are sorted by "Name (A to Z)" by default 2. User can sort the list by: - "Name (Z to A)" - "Price (low to high)" - "Price (high to low)" 3. Upon screen refresh, default sorting is applied on the page "Name (A to Z)" |
| | TC-13 | Verify the Product item "Add to cart" functionality | | | 1. Select any Product in the list and click "Add to cart" button 2. Check the button is changed to "Remove" for the product item 3. Check the "shopping-cart-badge" shows the number of added items in the cart (1) 4. Add more product items to the cart - check the "shopping-cart-badge" shows correct number of items; check the buttons for added products are changed to "Remove" | 1. User can add a product to the cart clicking "Add to cart" button 2. The button is changed to "Remove" for the product item only (all the rest products remain with "Add to cart") 3. The "shopping-cart-badge" shows the correct number of added items in the cart |
| | TC-14 | Verify the Product item "Remove" functionality | 1. The user is logged in to https://www.saucedemo.com/ with valid email and password 2. https://www.saucedemo.com/inventory.html page is opened 3. (6) Products are added to the cart | | 1. Click the "Remove" button for any product added to the cart 2. Check the button is changed to "Add to cart" for the product item 3. Check the "shopping-cart-badge" icon count is decreased by 1 4. Click "Remove" for all the rest products that are in the cart 5. Check the buttons are changed to "Add to cart" 6. Check the "shopping-cart-badge" icon count is 0 (no items present in the cart) | 1. User can "Remove" the product items from the cart 2. The button is changed to "Add to cart" for the removed product item 3. The "shopping-cart-badge" icon count is decreased by 1 when item is removed 4. User can remove all the product items from the cart - the "shopping-cart-badge" icon count is 0 (no items present in the cart) |

| Module Name | Test Case ID | Description | Pre-Conditions | Test Data | Test Steps | Expected Result |
|---|---|---|---|---|---|---|
| | TC-15 | (Edge case) Verify the case when no products are avaialable in the list | 1.Application is set to return an empty product list:<br>e.g. All the product items are set to active = 0, deleted = 1<br>2. The user is logged in to<br>https://www.saucedemo.com/<br>3. https://www.saucedemo.com/inventory.html<br>page is opened | | 1. Check there's no error returned to the user if Products list is empty<br>2. Verify the custom message is shown to the user like "No products available" | 1. There's no error returned to the user if the Products list is empty<br>2. Custom message is shown to the user like "No products available" |
| | TC-16 | Verify the load time of Products list | https://www.saucedemo.com is opened | | 1. Log in to https://www.saucedemo.com/<br>2. Measure load time from the moment the login button is clicked<br>until the /inventory.html page is fully loaded:<br>- Open Dev tool in the browser ("More tools" → "Developer Tools")<br>- Performance tab<br>- Check the local metrics upon page load | Products list page loads up to 3 seconds |
| Product details | TC-17 | Verify clicking on a Product name navigates<br>to its details page | 1. The user is logged in to<br>https://www.saucedemo.com/<br>with valid email and password<br>2. Products are present in the list | | 1. Click on the name of any Product in the list (e.g. "Sauce Labs Backpack")<br>2. Check the details | 1. Product item details are shown upon clicking the Product name<br>2. The Product details information is displayed correctly and<br>corresponds to "Products" list data:<br>- Name<br>- Description<br>- Price<br>- Image<br>3. "Add to cart" button is present on Details<br>4. "Swag Labs" header is present on the top<br>5. Menu icon is present on the top left corner<br>6. "Back to products" breadcrumb is present on the top left corner<br>7. Cart icon is present on the top right corner<br>8. Footer with the links to social media (Twitter, Facebook, LinkedIn)<br>and "© 2025 Sauce Labs. All Rights Reserved.<br>Terms of Service | Privacy Policy" is present |
| | TC-18 | Verify the user can add Product to the<br>cart on Product details page | | | 1. Click on the name of any Product in the list (e.g. "Sauce Labs Backpack")<br>2. Click "Add to cart" button | 1. User can add a product to the cart clicking "Add to cart" button<br>on "Product details"<br>2. The button is changed to "Remove" for the product item<br>3. The "shopping-cart-badge" shows the correct number of<br>added items in the cart |
| | TC-19 | Verify the user can remove Product from the<br>cart on Product details page | 1. The user is logged in to<br>https://www.saucedemo.com/<br>with valid email and password<br>2. Products are present in the list<br>3. Product(s) are added to the Cart | | 1. Click on the name of Product that is added in the cart<br>2. Click "Remove" button on Product details page<br>3. Check the "shopping-cart-badge" icon count is decreased by 1<br>when item is removed | 1. User can remove the product from the cart clicking "Remove"<br>on Product details<br>2. The button is changed to "Add to cart" for the product item<br>3. The "shopping-cart-badge" icon count is decreased by 1<br>when item is removed |
| | TC-20 | Verify the user can use "Back to products" button<br>to navigate back to the Products list | 1. The user is logged in to<br>https://www.saucedemo.com/<br>2. "Product details" page is opened<br>e.g. https://www.saucedemo.com/inventory-item.html?id=4 | | Click "Back to products" button on Product details page | "Products" list is opened https://www.saucedemo.com/inventory.html<br>upon click "Back to products" |
| | TC-21 | Verify the load time of a Product details page | 1. The user is logged in to<br>https://www.saucedemo.com/<br>2. "Products" page is opened | | 1. Click on any product name<br>2. Measure the time from click until the Product details page is fully loaded:<br>- Open Dev tool in the browser ("More tools" → "Developer Tools")<br>- Performance tab<br>- Check the local metrics upon page load | Product details page loads up to 2 seconds |
| Cart | TC-22 | Verify the case when no items are present in the cart | 1. The user is logged in to<br>https://www.saucedemo.com/<br>2. No items added to the cart | | Click the "shopping-cart-badge" icon | 1. https://www.saucedemo.com/cart.html page is opened<br>2. "Swag Labs" header is present on the top<br>3. Menu icon is present on the top left corner<br>4. "Your Cart" is present on the top left corner<br>5. Nice to have: custom message is shown like "Your cart is empty"<br>6. Footer with the links to social media (Twitter, Facebook, LinkedIn)<br>and "© 2025 Sauce Labs. All Rights Reserved.<br>Terms of Service | Privacy Policy" is present |
| | TC-23 | Verify the case when 1 item is present in the cart | 1. The user is logged in to<br>https://www.saucedemo.com/<br>2. 1 item is added to the cart | | Click the "shopping-cart-badge" icon | 1. https://www.saucedemo.com/cart.html page is opened<br>2. "Swag Labs" header is present on the top<br>3. Menu icon is present on the top left corner<br>4. "Your Cart" is present on the top left corner<br>5. Table with QTY and Description columns are present:<br>- Correct item quantity is shown (1)<br>- Correct Item name with the link is shown<br>- The item Description is shown<br>- The item Price is shown<br>6. "Remove" button is present near the item in the cart<br>7. "Continue shopping" breadcrumb is present<br>8. Footer with the links to social media (Twitter, Facebook, LinkedIn)<br>and "© 2025 Sauce Labs. All Rights Reserved.<br>Terms of Service | Privacy Policy" is present |
| | TC-24 | Verify  the case when N items are present in the cart | 1. The user is logged in to<br>https://www.saucedemo.com/<br>2. 6 items are added to the cart | | 1. Click the "shopping-cart-badge" icon<br>2. Check the user can see all the items in the cart (can use scroll) | 1. https://www.saucedemo.com/cart.html page is opened<br>2. "Swag Labs" header is present on the top<br>3. Menu icon is present on the top left corner<br>4. "Your Cart" is present on the top left corner<br>5. Table with QTY and Description columns are present:<br>- Correct item quantity is shown (1)<br>- Correct Item name with the link is shown<br>- The item Description is shown<br>- The item Price is shown<br>- All the 6 items are present in the table<br>6. "Remove" button is present near the item in the cart<br>7. "Continue shopping" breadcrumb is present<br>8. Footer with the links to social media (Twitter, Facebook, LinkedIn)<br>and "© 2025 Sauce Labs. All Rights Reserved.<br>Terms of Service | Privacy Policy" is present |

| Module Name | Test Case ID | Description | Pre-Conditions | Test Data | Test Steps | Expected Result |
|---|---|---|---|---|---|---|
| | TC-25 | Verify user can click "Remove" button to remove item from the cart | 1. The user is logged in to https://www.saucedemo.com/ 2. Items are added to the cart | | 1. Click the "shopping-cart-badge" icon 2. Click "Remove" button near any Product item 3. Remove all the items from the cart | 1. The item is removed from the cart 2. The "shopping-cart-badge" icon count is decreased by 1 when item is removed 3. User can remove all the items from the cart - Nice to have: custom message is shown like "Your cart is empty". "shopping-cart-badge" icon has no items shown |
| | TC-26 | Verify user can click "Continue shopping" button to go back to the Products list | 1. The user is logged in to https://www.saucedemo.com/ 2. Items are added to the cart | | 1. Click the "shopping-cart-badge" icon 2. Click "Continue shopping" button | 1. User is navigated back to Products list https://www.saucedemo.com/inventory.html upon click "Continue shopping" 2. "shopping-cart-badge" icon shows correct number of items in the cart |
| | TC-27 | Verify user can click Product name link in the cart | 1. The user is logged in to https://www.saucedemo.com/ 2. Items are added to the cart | | 1. Navigate to the cart 2. Click Product name link in the cart | 1. Product details page is opened /inventory-item.html?id=0 2. The Product details information is displayed correctly and corresponds to "Products" list data: - Name - Description - Price - Image 3. "Add to cart" button is present on Details 4. "Swag Labs" header is present on the top 5. Menu icon is present on the top left corner 6. "Back to products" breadcrumb is present on the top left corner 7. Cart icon is present on the top right corner 8. Footer with the links to social media (Twitter, Facebook, LinkedIn) and "© 2025 Sauce Labs. All Rights Reserved. Terms of Service \| Privacy Policy" is present |
| | TC-28 | Verify the response time for "Add to Cart" action | 1. The user is logged in to https://www.saucedemo.com/ 2. Products screen is opened /inventory.html | | 1. Click "Add to Cart" on any item 2. Measure the time taken for the button to change to "Remove" and the cart icon to update with the count (1): - Open Dev tool in the browser ("More tools" → "Developer Tools") - Performance tab - Check the local metrics upon page load: Interaction to Next Paint (INP) | "Add to Cart" action takes up to 0.5 seconds |
| | TC-29 | Verify the user can do "Checkout" from the cart | 1. The user is logged in to https://www.saucedemo.com/ 2. Item is added to the cart | | 1. Click the "shopping-cart-badge" icon 2. Click "Checkout" button | "Checkout: Your information" screen is opened https://www.saucedemo.com/checkout-step-one.html |
| | TC-30 | Verify "Checkout: Your Information" screen | 1. The user is logged in to https://www.saucedemo.com/ 2. Item is added to the cart 3. "Checkout" button is clicked in the cart | | 1. Verify the "Checkout: Your Information" screen items 2. Click "Continue" button without filling in the form | 1. "Swag Labs" header is present on the top 2. Menu icon is present on the top left corner 3. "Checkout: Your Information" is present on the top left corner below menu icon 4. "Cart" icon is present on the top right corner 5. Form is present to fill in: - First Name - Last Name - Zip/Postal code 6. "Cancel" and "Continue" buttons are present below the form 7. The required fields are highlighted with red color upon click "Continue" without filling in the data (First Name, Last Name, Zip/Postal code). User cannot proceed with checkout |
| | TC-31 | Verify user can "Cancel" checkout on "Checkout: Your Information" screen | 1. The user is logged in to https://www.saucedemo.com/ 2. Item is added to the cart 3. "Checkout" button is clicked in the cart | | Click "Cancel" button on the "Checkout: Your Information" screen https://www.saucedemo.com/checkout-step-one.html | 1. User is navigated to the cart upon click "Cancel" on checkout step 2. Item(s) are present and shown in the cart |
| | TC-32 | Verify user cannot Continue checkout if one of required fields is not filled in | 1. The user is logged in to https://www.saucedemo.com/ 2. Item is added to the cart 3. "Checkout" button is clicked in the cart | | 1. Fill in First Name, Last Name and click "Continue" 2. Fill in First Name, Postal Code and click "Continue" 3. Last Name, Postal Code and click "Continue" | 1. "Error: Postal Code is required" if user clicks "Continue" without adding "Postal Code" 2. "Error: Last Name is required" if user clicks "Continue" without adding "Last Name" 3. "Error: First Name is required" if user clicks "Continue" without adding "First Name" |
| | TC-33 | Verify user can Continue Checkout after filling "Your Information" | 1. The user is logged in to https://www.saucedemo.com/ 2. Item is added to the cart 3. "Checkout: Your Information" screen is opened https://www.saucedemo.com/checkout-step-one.html | | 1. Fill in all required fields: - First Name - Last Name - Postal Code 2. Click "Continue" | "Checkout: Overview" screen is opened https://www.saucedemo.com/checkout-step-two.html |

| Module Name | Test Case ID | Description | Pre-Conditions | Test Data | Test Steps | Expected Result |
|---|---|---|---|---|---|---|
| Checkout | TC-34 | Verify "Checkout: Overview" screen information | User is on https://www.saucedemo.com/checkout-step-two.html screen after making Checkout | | 1. Verify the  "Checkout: Overview" screen information<br>2. Click "Cancel" button | 1. "Swag Labs" header is present on the top<br>2. Menu icon is present on the top left corner<br>3. "Checkout: Overview" is present on the top left corner below menu icon<br>4. "Cart" icon is present on the top right corner<br>5. Table with QTY and Description columns are present:<br>- Correct item quantity is shown<br>- Correct Item name with the link is shown<br>- The item Description is shown<br>- The item Price is shown<br>6. Payment Information:<br>- SauceCard #31337<br>- Shipping Information:<br>*Free Pony Express Delivery!*<br>- Price Total<br>Item total: $29.99<br>*(item price corresponds to the total items price added in the cart)*<br>Tax: $2.40 (=8 % of price)<br>Total: $32.39 (Item total + Tax)<br>7. "Cancel" and "Finish" buttons are present below the form<br>8. Footer with the links to social media (Twitter, Facebook, LinkedIn) and "© 2025 Sauce Labs. All Rights Reserved.<br>Terms of Service | Privacy Policy" is present<br>9. Upon click "Cancel" user is navigated to "Products" list https://www.saucedemo.com/inventory.html.<br>Previously added items to the cart are maintained and displayed on "shopping-cart-badge" icon |
| | TC-35 | Verify user can Finish Checkout to complete order | User is on https://www.saucedemo.com/checkout-step-two.html screen after making Checkout | | Click "Finish" button on "Checkout: Overview" screen https://www.saucedemo.com/checkout-step-two.html | 1. User is navigated to https://www.saucedemo.com/checkout-complete.html screen<br>2. "Thank you for your order!<br>Your order has been dispatched,<br>and will arrive just as fast as the pony can get there!" message is shown<br>3. "Back Home" button is present below the message<br>4. "Swag Labs" header is present on the top<br>5. Menu icon is present on the top left corner<br>6. "Checkout: Complete!" header is shown on the top left<br>7. Footer with the links to social media (Twitter, Facebook, LinkedIn) and "© 2025 Sauce Labs. All Rights Reserved.<br>Terms of Service | Privacy Policy" is present<br>8. There's no items in the cart "shopping-cart-badge" icon = 0 |
| | TC-36 | Verify user can click "Back Home" on "Checkout: Complete" page | User has finished Checkout and is on https://www.saucedemo.com/checkout-complete.html screen | | Click "Back Home" button | 1. User is navigated to Products list screeen https://www.saucedemo.com/inventory.html<br>2. There's no items in the cart "shopping-cart-badge" icon = 0 |
| | TC-37 | Verify the load time for entire Checkout process | 1. The user is logged in to https://www.saucedemo.com/<br>2. Item is added to the cart | | 1. Click "Checkout" - verify load time for /checkout-step-one.html<br>2. Fill in details and click "Continue" - verify load time for /checkout-step-two.html<br>3. Click "Finish" - verify load time for /checkout-complete.html | 1. Each checkout step loads up to 2 seconds<br>2. The entire Checkout process is smooth and without interruptions |