

Test Case ID	Section/Component Name	TC Category	Test Case Name	Description	Pre-condition(s)	Test Step(s)	Expected Result	Actual Result	Status	Priority	Severity
TC_01	Login	Functional	Verify Successful Login	Verify that a user can successfully log in with valid credentials	Valid username and password (e.g., "standard_user") (e.g., "secret_sauce")	1. Navigate to the Sauce Demo website 2. Enter a valid username (e.g., "standard_user") 3. Enter a valid password (e.g., "secret_sauce") 4. Click the "Login" button	The user is logged in and redirected to the Products page	Same as Expected	Pass	High	P1
TC_02	Login	Functional	Verify Invalid Login	Verify that the system displays an error message when a user tries to log in with invalid credentials	Invalid username and password (e.g., "invalid_user") (e.g., "wrong_password")	1. Navigate to the Sauce Demo website 2. Enter an invalid username (e.g., "invalid_user") 3. Enter an invalid password (e.g., "wrong_password") 4. Click the "Login" button	The system displays an error message indicating that <b>Username and password do not match any user in this service.</b>	Same as Expected	Pass	High	P1
TC_03	Login	Functional	Verify Locked-out User Login	Verify that a locked-out user cannot log in	Locked-out user (e.g., "locked_out_user") (e.g., "secret_sauce")	1. Navigate to the Sauce Demo website 2. Enter the username of a locked-out user (e.g., "locked_out_user") 3. Enter the password for the locked-out user (e.g., "secret_sauce") 4. Click the "Login" button	The system displays an error message indicating that the <b>Sorry, this user has been locked out.</b>	Same as Expected	Pass	High	P1
TC_04	Products	Functional	Verify Product List	Verify that the Products page displays the correct list of products	Login into the Sauce Demo	1. Log in with a valid user account 2. Verify that the Products page is displayed 3. Verify that the correct list of products is displayed	The Products page displays the expected list of products	Same as Expected	Pass	medium	P3
TC_05	Products	Functional	Verify Product Details	Verify that the user can view the details of a product	Login into the Sauce Demo	1. Log in with a valid user account 2. Click on a product to navigate to its details page 3. Verify that the product details are displayed correctly	The product details page displays the correct information about the selected product	Same as Expected	Pass	medium	P3
TC_06	Cart	Functional	Verify Add to Cart Functionality	Verify that the user can add a product to the cart	Login into the Sauce Demo	1. Log in with a valid user account 2. Click the "Add to Cart" button for a product 3. Verify that the product is added to the cart	The product is successfully added to the cart, and the cart icon displays the correct number of items	Same as Expected	Pass	medium	P3
TC_07	Cart	Functional	Verify Remove from Cart Functionality	Verify that the user can remove a product from the cart	Login into the Sauce Demo	1. Log in with a valid user account 2. Add a product to the cart 3. Click the "Remove" button for the product in the cart 4. Verify that the product is removed from the cart	The product is successfully removed from the cart, and the cart icon displays the correct number of items	Same as Expected	Pass	High	P1
TC_08	Checkout	Functional	Verify Checkout Process	Verify that the user can successfully complete the checkout process	Login into the Sauce Demo	1. Log in with a valid user account 2. Add one or more products to the cart 3. Click the "Checkout" button 4. Enter the required information (first name, last name, and zip code) 5. Click the "Continue" button 6. Verify that the "Finish" page is displayed	The user is able to complete the checkout process, and the order is successfully placed	Same as Expected	Pass	High	P1

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TC_09	Sorting	Functional	Verify Sorting Functionality	Verify that the user can sort the products by different criteria	Login into the Sauce Demo	1. Log in with a valid user account 2. Click the "Sort" dropdown menu 3. Select a sorting option (e.g., "Price (high to low)") 4. Verify that the products are sorted according to the selected criteria	The products are displayed in the correct order based on the selected sorting option	Same as Expected	Pass	Low	P3
TC_10	Cart	Functional	Verify Cart Functionality	Verify that the user can view and manage the items in the cart	Login into the Sauce Demo	1. Log in with a valid user account 2. Add one or more products to the cart 3. Click the cart icon to navigate to the cart page 4. Verify that the correct products are displayed in the cart 5. Verify that the user can remove items from the cart	The cart page displays the correct items, and the user can successfully remove items from the cart	Same as Expected	Pass	High	P1
TC_11	Login	Functional	Accessing a Valid Page without Being Logged In	Accessing a valid page without being logged in should show correct Error message	Not logged in	1. Navigate to a valid page (e.g., inventory page) 2. Verify the error message displayed	Error message displayed indicating that <b>You can only access '/inventory.html' when you are logged in.</b>	Same as Expected	Pass	High	P1
TC_12	Cart	Functional	Reset Cart State from CheckoutStep1	Reset Cart State from CheckoutStep	Login into the Sauce Demo	1. Log in with a valid user account 2. Add one or more products to the cart 3. Click the "Checkout" button 4. Enter the required information (first name, last name, and zip code) 5. Click the "Reset App state" button from the hamburger menu 3. Verify the cart is reset	Cart is reset to empty	Same as Expected	Pass	High	P1
TC_13	Login	Functional	Login, Logout, Login	should be able to login, logout, login	NA	1. Log in with valid credentials 2. Log out 3. Log in again with valid credentials	User is logged in again	Same as Expected	Pass	Low	P2
TC_14	Cart	Functional	Add Item to Cart, Go to Cart Page, Logout, Log Back In, Check Out	should be able to add one item to cart, go to Cart page, logout, log back in and check it out successfully	Login into the Sauce Demo	1. Log in with valid credentials 2. Add one item to cart 3. Go to Cart page 4. Log out 5. Log back in with valid credentials 6. Check out	The user is able to complete the checkout process, and the order is successfully placed	Same as Expected	Pass	High	P1
TC_15	Checkout	Functional	Error Out When Customer Information is Missing	Should error out when customer information is missing	Login into the Sauce Demo	1. Log in with valid credentials 2. Add items to cart 3. Proceed to Checkout 4. Leave one or more customer information fields empty (first name, last name, zip code) 5. Click "Continue"	Error message displayed, unable to proceed.	Same as Expected	Pass	High	P1