

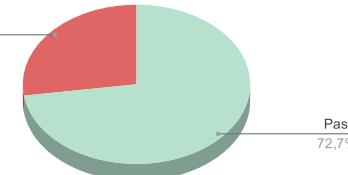
Test Case ID	Test Case Description	Test Steps	Pre-Conditions	Test Data	Expected Results	Status	Linked issues	Automation Candidate
	TS_01	Verify user authentication on the login page						
TC_LP_01	[Desktop] [Mobile] [Tablet] Verify the login with a valid username and a valid password	1. Enter a valid username 2. Enter a valid password 3. Click on the Login button 4. Navigate to the Inventory page	1. User on the login page of <a href="#">Swag Labs</a>	Username - standard_user Password - secret_sauce	User is successfully logged in and redirected to the inventory page and the URL contains /inventory.html	Pass		Yes
TC_LP_02	[Desktop] [Mobile] [Tablet] Verify the login with an invalid username and a valid password	1. Enter an invalid username 2. Enter a valid password 3. Click on the Login button	1. User on the login page of <a href="#">Swag Labs</a>	Username - standaruser Password - secret_sauce	Error message should be displayed - Epic sadface: Username and password do not match any user in this service	Pass		Yes
TC_LP_03	[Desktop] [Mobile] [Tablet] Verify the login with a valid username and an invalid password	1. Enter a valid username 2. Enter an invalid password 3. Click on the Login button	1. User on the login page of <a href="#">Swag Labs</a>	Username - standard_user Password - secretdaunce	Error message should be displayed - Epic sadface: Username and password do not match any user in this service	Pass		Yes
TC_LP_04	[Desktop] [Mobile] [Tablet] Verify the login with an invalid username and an invalid password	1. Enter an invalid username 2. Enter an invalid password 3. Click on the Login button	1. User on the login page of <a href="#">Swag Labs</a>	Username - standard_duser Password - secretdaunce	Error message should be displayed - Epic sadface: Username and password do not match any user in this service	Pass		Yes
TC_LP_05	[Desktop] [Mobile] [Tablet] Verify the login without entering any credentials	1. Click on the "Login" button without entering any credential	1. User on the login page of <a href="#">Swag Labs</a>	None	Error message should be displayed - Epic sadface: Username is required	Pass		Yes
TC_LP_06	[Desktop] [Mobile] [Tablet] Verify that locked user is not able to login into the system	1. Enter a valid username 2. Enter a valid password 3. Click on the Login button	1. User on the login page of <a href="#">Swag Labs</a>	Username - locked_out_user Password - secret_sauce	Error message should be displayed - Epic sadface: Sorry, this user has been locked out.	Pass		Yes
TC_LP_07	[Desktop] [Mobile] [Tablet] Verify redirection to the Inventory page after successful user registration.	1. Enter a valid username 2. Enter a valid password 3. Click on the Login button	1. User on the login page of <a href="#">Swag Labs</a>	Username - standard_user Password - secret_sauce	The user is successfully redirected to the Inventory page after registration.	Pass		Yes
TC_LP_08	[Desktop] [Mobile] [Tablet] Verify that browser back and forward navigation does not automatically log in the previously authenticated user	1. Navigate to the Inventory page 2. Click the browser's back button to return to the login page 3. Click the browser's forward button 4. Observe the website behavior	1. User on the login page of <a href="#">Swag Labs</a> 2. Log in with a valid credential	Username - standard_user Password - secret_sauce	The user is not automatically logged in when using the browser back or forward buttons. Login requires entering valid credentials manually.	Fail	ID: BR-001 - [Desktop] Automatic log in the previously authenticated user use browser navigation button on the login page - Swag Labs - Bug Report Collection	Yes
	TS_02	Verify UI and UX of the login form						
TC_LP_09	[UI][Desktop] [Mobile] [Tablet] Verify the page has correct visibility in different window sizes	1. Inspect the page with Chrome DevTools>Toggle Device Toolbar; 2. Change the Dimensional: Responsive. 3. Observe the website behavior	1. User on the login page of <a href="#">Swag Labs</a>	[Desktop] Screen Resolutions: 1920x1080, 1536x864, 1366x768 [Mobile] Device list: iPhone 12 Pro, Pixel 7, iPhone 14 Pro Max [Tablet] Device list: iPad Air, Surface Pro 7	The viewport is successfully resized based on the specified test data, and the page is displayed correctly.	Pass		Partial
TC_LP_10	[UX] [Desktop] [Mobile] [Tablet] Verify the visual appearance of the error message to ensure the user is informed of any login issues.	1. Enter an invalid username 2. Enter an invalid password 3. Click on the Login button	1. User on the login page of <a href="#">Swag Labs</a>	Username - standard_duser Password - secretdaunce	A clear and user-friendly error message is displayed, informing the user about login issue.	Fail	ID: BR-002	Partial
TC_LP_11	[UX] [Desktop] [Mobile] [Tablet] Verify that the password is masked.	1. Click on the password input field. 2. Enter a valid password.	1. User on the login page of <a href="#">Swag Labs</a>	Password - secret_sauce	The entered password is not visible in plain text and is displayed as masked characters.	Pass		No

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TC_LP_12	[UX] Verify the presence of a toggle password button and its functionality after pressing.	1. Enter a valid password. 2. Click on the password visibility toggle icon. 3. Click the toggle icon again.	1. User on the login page of <a href="#">Swag Labs</a>	Password - secret_sauce	The password is displayed in plain text when the visibility icon is enabled and is masked again when disabled.	Fail	ID: BR-003	No
TC_LP_13	[UX][Desktop] Verify that the previously logged-in user can be selected from the saved account popup after navigating back to the login page.	1. Log in with a valid credential 2. Click the browser's back button 3. Click on the username field 4. Select the previously logged-in user from the saved account popup 5. Enter a valid password 6. Proceed with login	1. User on the login page of <a href="#">Swag Labs</a>	Username - standard_user Password - secret_sauce	A popup with the previously logged-in user is displayed. The user can select the saved account, enter the password, and successfully log in without re-entering the username.	Pass		No
<b>TS_03</b>		<b>Verify Lighthouse quality thresholds (Performance, Accessibility, SEO) for the login page</b>						
TC_LP_14	[Performance][Desktop] [Mobile] Verify the page performance metrics with "Lighthouse" performance thresholds	1. Inspect the page with Chrome DevTools 2. Open the Lighthouse tab 3. Set Mode: a valid to platform 3. Click on the button: Analyze page load 4. Observe Performance score and metrics	1. User on the login page of <a href="#">Swag Labs</a> 2. [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_LP_15	[Accessibility] [Desktop] [Mobile] Verify the page accessibility metrics with "Lighthouse" accessibility thresholds	1. Inspect the page with Chrome DevTools 2. Open the Lighthouse tab 3. Set Mode: a valid to platform 3. Click on the button: Analyze page load 4. Observe Accessibility score and metrics	1. User on the login page of <a href="#">Swag Labs</a> 2. [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_LP_16	[SEO] [Desktop] [Mobile] Verify the page SEO metrics with "Lighthouse" SEO thresholds	1. Inspect the page with Chrome DevTools 2. Open the Lighthouse tab 3. Set Mode: a valid to platform 3. Click on the button: Analyze page load 4. Observe SEO score and metrics	1. User on the login page of <a href="#">Swag Labs</a> 2. [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
<b>TS_04</b>		<b>Verify login page accessibility (keyboard navigation, screen reader labels, color contrast)</b>						
TC_LP_17	[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 on the login page of <a href="#">Swag Labs</a> 2. [Optional] For the best result, open the page on an incognito window	None	The "area-labels" are contained in all interactive elements.	Fail	ID: BR-004 [Accessibility] [Desktop] Login form elements lack accessible names/labels required for screen readers	Yes
TC_LP_18	[Accessibility   Color Contrast] [Desktop] Verify the interactive elements color meets WCAG requirements	1. Open the Chrome extension "Wave." 2. Open "Contrast" tab 3. Enter foreground and background color from test data 4. Check the result	1. User on the login page of <a href="#">Swag Labs</a> 2. Pre-install the Chrome extension "Wave." 3. [Optional] Use the color contrast checker website <a href="#">webaim.org</a>	1. Button "Login": background - #3ddc91; foreground - #132322; 2. Entry field: background - #fff; foreground - #ebeded;	All pair values received WCAG AA and/or WCAG AAA values	Fail	ID: BR-005 - Entry field Fail check Contrast Ratio 1.17:1	No
TC_LP_19	[Accessibility   Color Contrast] [Desktop] Verify the static elements color meets WCAG requirements	1. Open the Chrome extension "Wave." 2. Open "Contrast" tab 3. Enter foreground and background color from test data 4. Check the result	1. User on the login page of <a href="#">Swag Labs</a> 2. Pre-install the Chrome extension "Wave." 3. [Optional] Use the color contrast checker website <a href="#">webaim.org</a>	1. Logo Swag Lab: background - #edfcf5; foreground - #132322; 2. Login credentials: background - #122422; foreground - #ffff;	All pair values received WCAG AA and/or WCAG AAA values	Pass		No
TC_LP_20	[Accessibility   Color Contrast] [Desktop] Verify the error message color meets WCAG requirements	1. Open the Chrome extension "Wave." 2. Open "Contrast" tab 3. Enter foreground and background color from test data 4. Check the result	1. User on the login page of <a href="#">Swag Labs</a> 2. Pre-install the Chrome extension "Wave." 3. [Optional] Use the color contrast checker website <a href="#">webaim.org</a>	1. Background - #e2231a; foreground - #fff	All pair values received WCAG AA and/or WCAG AAA values	Pass		No
TC_LP_21	[Accessibility   Keyboard navigation] [Desktop] Verify keyboard navigation order on the login 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 on the login page of <a href="#">Swag Labs</a> 2. [Optional] Check the keyboard navigation map in "Wave" on the Order tab	None	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_LP_22	[Accessibility   Keyboard navigation] [Desktop] Verify the focus indicator on keyboard navigation element	1. Press "Tab." key 2. Check the highlight on the username field 3. Press "Tab." key 4. Check the highlight on the password field 5. Press "Tab." key <b>6. Check highlight on Login button</b>	1. User on the login page of <a href="#">Swag Labs</a> 2. [Optional] Check the keyboard navigation map in "Wave" on the Order tab	None	All interactive elements are clearly visible and visually highlighted when focused	<span style="background-color: #ff9999; color: white; padding: 2px;">Fail</span>	ID: BR-006	Partial

Summary

Test execution result



Automation Candidate result

