

Test Case ID	Module Name	Test Scenario	Test Case	Pre-requisites	Test Data	Step No.+Test Step	Expected Result	Actual Result	Status
TC001	Login Page	Valid Login	Verify user can login with valid credentials	User must be registered	Username: user1, Password: Pass@123	1. Enter valid username2. Enter valid password3. Click Sign In	User should be redirected to the dashboard		TRUE
TC002	Login Page	Empty Fields	Verify error message for empty username and password	None	Username: "", Password: ""	1. Leave fields empty2. Click Sign In	Error message should appear		FALSE
TC003	Login Page	Invalid Password	Verify error message with incorrect password	User must be registered	Username: user1, Password: wrongpass	1. Enter valid username2. Enter wrong password3. Click Sign In	Error message should appear		FALSE
TC004	Login Page	Invalid Username	Verify error message with unregistered username	None	Username: wronguser, Password: Pass@123	1. Enter unregistered username2. Click Sign In	Error message should appear		FALSE
TC005	Login Page	Remember Me	Verify 'Remember Me' keeps user logged in	User must be registered	Username: user1, Password: Pass@123	1. Check 'Remember Me'2. Login3. Close and reopen browser	User should remain logged in		TRUE
TC006	Login Page	Uncheck Remember Me	Verify 'Remember Me' unchecked logs out after closing	User must be registered	Username: user1, Password: Pass@123	1. Uncheck 'Remember Me'2. Login3. Close and reopen browser	User should be logged out		FALSE
TC007	Login Page	SQL Injection	Ensure login form prevents SQL injection	None	Username: 'OR '1'='1, Password: anything	1. Enter SQL injection code2. Click Sign In	Access should be denied		TRUE
TC008	Login Page	Case Sensitivity	Verify username and password are case-sensitive	User must be registered	Username: USER1, Password: pass@123	1. Enter credentials in wrong case2. Click Sign In	Error message should appear		FALSE
TC009	Login Page	Password Masking	Verify password input is masked	None	Password field	1. Check password field while typing	Password characters should be masked		FALSE
TC010	Login Page	Button Disabled	Verify Sign In button is disabled when fields are empty	None	Empty username and password	1. Leave fields empty2. Check Sign In button	Button should be disabled		FALSE
TC011	Login Page	Tab Navigation	Check if tab key navigates correctly between fields	None	N/A	1. Press tab from username field	Focus should move to password field		TRUE
TC012	Login Page	Remember Me Default	Verify 'Remember Me' is unchecked by default	None	N/A	1. Open login page	'Remember Me' checkbox should be unchecked		TRUE
TC013	Login Page	Field Limit	Verify maximum input length is enforced	None	Long strings in username and password	1. Enter long input in fields	Only allowed characters should be accepted		
TC014	Login Page	Special Characters	Verify special characters in password are accepted	User must be registered	Username: user1, Password: P\$ass@123!	1. Enter credentials with special chars2. Click Sign In	Login should succeed		
TC015	Login Page	Slow Network	Verify login handles slow network gracefully	Network throttle setup	Username: user1, Password: Pass@123	1. Simulate slow network2. Click Sign In	Login should eventually complete or timeout with message		

Test Case ID	Testing Type	Test Scenario	Test Case Description	Expected Result
UT001	Usability Testing	Input Field Labels	Verify that each upload field has a clear and descriptive label	Labels should accurately describe the purpose of each field
UT002	Usability Testing	Button Visibility	Ensure the 'Next' button is prominently visible and distinguishable	Button should be easily noticeable and accessible
UT003	Usability Testing	Responsive Layout	Check that the form layout adjusts appropriately on different screen sizes	Form elements should realign for optimal viewing
UT004	Usability Testing	Field Alignment	Verify that all form fields are properly aligned and spaced	Consistent alignment and spacing across all elements
UT005	Usability Testing	Instruction Clarity	Ensure that any instructions or helper text are clear and concise	Users should understand what is expected without confusion
UT006	Usability Testing	Accessibility Compliance	Test for compliance with accessibility standards	Form should be navigable via keyboard and screen readers
FT001	Functional Testing	File Upload Functionality	Attempt to upload a valid file in each upload field	Files should upload successfully without errors
FT002	Functional Testing	File Type Validation	Try uploading an unsupported file type	System should reject the file and display an appropriate message
FT003	Functional Testing	File Size Limit	Upload a file exceeding the maximum allowed size	System should prevent upload and notify the user
FT004	Functional Testing	Mandatory Fields Check	Attempt to proceed without uploading required files	'Next' button should remain disabled or prompt an error
FT005	Functional Testing	Multiple File Upload	Upload multiple files if the field supports it	All selected files should upload correctly
FT006	Functional Testing	Form Reset Functionality	Use any available option to reset or clear the form	All fields should return to their default state
CT001	Compatibility Testing	Browser Compatibility	Access the form using different browsers	Form should function consistently across all browsers
CT002	Compatibility Testing	Operating System Compatibility	Test the form on various operating systems	No OS-specific issues should occur
CT003	Compatibility Testing	Mobile Device Responsiveness	Open the form on mobile devices	Form should be fully responsive and functional
CT004	Compatibility Testing	Tablet Device Responsiveness	Access the form on tablet devices	Layout and functionality should be optimal for tablet screens
CT005	Compatibility Testing	Screen Resolution Handling	Resize browser window to various resolutions	Form elements should adjust without overlapping or misalignment
CT006	Compatibility Testing	Touch Input Functionality	Interact with the form using touch inputs	All interactive elements should respond appropriately
ST001	Security Testing	File Upload Security	Attempt to upload a file containing malicious code	System should detect and prevent upload of harmful files
ST002	Security Testing	Cross-Site Scripting (XSS)	Enter scripts into any available text fields	Scripts should be sanitized and not executed
ST003	Security Testing	Cross-Site Request Forgery (CSRF)	Attempt unauthorized actions from another site	System should have protections to prevent CSRF attacks
ST004	Security Testing	Secure Transmission	Verify that the form uses HTTPS for data transmission	All data should be transmitted securely over HTTPS
ST005	Security Testing	Session Management	Check for proper session handling and timeouts	Sessions should expire after inactivity and prevent hijacking
ST006	Security Testing	Input Validation	Enter unexpected or invalid data into form fields	System should validate inputs and prevent injection attacks

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