

test cases id	module	testing type	test descriptio n	pre conditions	test steps	test data	expected result	actual result	status	priority
TC01	Homepage	Functional Testing	Verify that the "Get Started" button is clickable	User is on homepage	1. Navigate to homepage 2. Click on "Get Started" button	N/A	Should navigate to the registration/login page	it's not navigate to the registration/login page	Fail	High
TC02	Homepage	Functional Testing	Verify the visibility of "Join the Blogging Community" section	User is on homepage	1. Navigate to homepage 2. Check if the section is visible	N/A	The section should be clearly visible	The section should be clearly visible	Pass	High
TC03	Homepage	UI Testing	Check the alignment of the "Join the Blogging Community" text	User is on homepage	1. Navigate to homepage 2. Inspect text alignment	N/A	The text should be properly centered and aligned	The text should be properly centered and aligned	Pass	Medium
TC04	Homepage	UI Testing	Check if the "Get Started" button color changes on hover	User is on homepage	1. Hover over the "Get Started" button	N/A	The button color should change as per design	The button color should change as per design	Pass	Low
TC05	Homepage	Performance Testing	Measure page load time for the homepage	User opens homepage	1. Load the homepage and measure time taken	N/A	Page should load within acceptable time limit	Page should load within acceptable time limit	Pass	Medium
TC06	Homepage	Functional Testing	Verify if "Get Started" button works in different browsers	User is on homepage	1. Open homepage in different browsers (Chrome, Firefox, Edge, etc.) 2. Click "Get Started"	N/A	Should navigate correctly in all browsers	it's not navigate correctly in all browsers	Fail	High
TC07	Registration	Functional Testing	Verify that a user can register with valid inputs	User is on Register Page	1. Enter valid Username & Password. Click "Register"	Username: "Rashmi" Password: "Rashmi@123"	User should be registered successfully	User should be registered successfully	Pass	High
TC08	Registration	Functional Testing	Verify that Username is mandatory	User is on Register Page	1. Leave Username empty, enter Password. Click "Register"	Username: "Rashmi" Password: "Rashmi@123"	Should show "Username is required" error	Should show "Username is required" error	Pass	High
TC09	Registration	Functional Testing	Verify that Password is mandatory	User is on Register Page	1. Enter Username, leave Password empty. Click "Register"	Username: "Rashmi" Password: "Rashmi@123"	Should show "Password is required" error	Should show "Password is required" error	Pass	High
TC10	Registration	Functional Testing	Verify password field accepts a minimum of 8 characters	User is on Register Page	1. Enter Username, Enter Password < 8 chars. Click "Register"	Username: "Rashmi" Password: "Rashmi@123"	Should show "Password must be 8+ characters" error	it's not show "Password must be 8+ characters" error	Fail	High
TC11	Registration	Functional Testing	Verify special characters are allowed in Username	User is on Register Page	1. Enter Username with special chars. Click "Register"	N/A	User should be registered successfully	User should be registered successfully	Pass	Medium
TC12	Registration	Functional Testing	Verify weak passwords (like "12345678") are rejected	User is on Register Page	1. Enter weak password. Click "Register"	Username: "Rashmi" Password: "Rashmi@123"	Should show "Weak password" error	it's not show "Weak password" error	Fail	High
TC13	Registration	Functional Testing	Verify duplicate usernames are not allowed	User is on Register Page	1. Enter already registered Username. Click "Register"	Username: "Rashmi" Password: "Rashmi@123"	Should show "Username already exists" error	Should show "Username already exists" error	Pass	High
TC14	Registration	UI Testing	Verify the alignment of input fields & button	User is on Register Page	1. Check the visual alignment of Username, Password & Button	N/A	Fields should be properly aligned	Fields should be properly aligned	Pass	Low
TC15	Registration	UI Testing	Verify the Register button is enabled only after entering valid inputs	User is on Register Page	1. Enter partial details, check if the button is enabled	N/A	Button should be disabled until all fields are valid	It's not showing Button should be disabled until all fields are valid	Fail	Medium
TC16	Registration	Functional Testing	Verify case sensitivity in Username	User is on Register Page	1. Register "TestUser", then try "testuser"	N/A	Should allow case-sensitive usernames	It should not allow case-sensitive usernames	Fail	Medium
TC17	Registration	Functional Testing	Verify registration with long Username	User is on Register Page	1. Enter Username > 50 chars. Click "Register"	Username: 51+ chars	Should show validation error	it should not Show validation error	Fail	Medium
TC18	Registration	Functional Testing	Verify registration with long Password	User is on Register Page	1. Enter Password > 50 chars. Click "Register"	Password: 51+ chars	Should show validation error	it Should not show validation error	fail	Medium
TC19	Registration	Functional Testing	Verify password masking works	User is on Register Page	1. Enter Password & check visibility	Password: "Pass@123"	Should be masked (****)	Should be masked (*****)	Pass	Low
TC20	Registration	Functional Testing	Verify error messages disappear when valid input is entered	User is on Register Page	1. Enter invalid data, observe error, then enter valid data	N/A	Error messages should disappear after correction	Error messages should disappear after correction	Pass	Medium
TC21	Registration	Functional Testing	Verify user cannot register with spaces in Username	User is on Register Page	1. Enter Username with spaces. Click "Register"	Username: "test user"	Should show "Spaces not allowed" error	it Should not show "Spaces not allowed" error	Fail	Medium
TC22	Registration	Functional Testing	Verify session is maintained after registration	User is on Register Page	1. Register a user, check if they remain logged in	N/A	User should stay logged in after registration	User should stay logged in after registration	Pass	Medium

TC23	Login	Functional	Verify user can log in with valid credentials	User is on Login Page, valid account exists	1. Enter valid username & password. Click "Login"	Username: "Rashmi" Password: "Rashmi@123"	User should be logged in successfully	User should not be logged in successfully	Fail	High
TC24	Login	Functional	Verify login fails with incorrect credentials	User is on Login Page	1. Enter wrong username or password. Click "Login"	Username: "Rashmi" Password: "Rashmi@123"	Should show "Invalid credentials" error	it Should not show "Invalid credentials" error	Fail	High
TC25	Login	Functional	Verify Username is mandatory	User is on Login Page	1. Leave Username empty, enter Password., Click "Login"	Username: "Rashm" Password: "Rashmi@123"	Should show "Username is required" error	Should show "Username is required" error	Pass	High
TC26	Login	Functional	Verify Password is mandatory	User is on Login Page	1. Enter Username, leave Password empty. Click "Login"	Username: "Rashmi" Password: "Rashmi@123"	Should show "Password is required" error	Should show "Password is required" error	Pass	High
TC27	Login	Functional	Verify login button is disabled until both fields are filled	User is on Login Page	1. Enter partial data, observe button state	N/A	Button should be disabled until both fields are filled	Button should be disabled until both fields are filled	Pass	Medium
TC28	Login	Functional	Verify case sensitivity of Username and Password	User is on Login Page	1. Enter "TestUser" vs "testuser". Click "Login"	N/A	Login should be case-sensitive	Login should be case-sensitive	Pass	Medium
TC29	Login	Functional	Verify error messages disappear after entering valid data	User is on Login Page	1. Enter invalid credentials, observe error, then enter valid data	N/A	Error messages should disappear after correction	Error messages should disappear after correction	Pass	Medium
TC30	Login	UI	Verify login page UI alignment	User is on Login Page	1. Check visual alignment of Username, Password & Button	-	Fields should be properly aligned	Fields should be properly aligned	Pass	Low
TC31	Login	UI	Verify password field masking	User is on Login Page	1. Enter Password & check visibility	Username: "Rashmi" Password: "Rashmi@123"	Should be masked (*****)	Should be masked (*****)	Pass	Low
TC32	Login	Functional	Verify user is redirected to the dashboard after login	User is on Login Page	1. Enter valid credentials, Click "Login"	Username: "Rashmi" Password: "Rashmi@123"	Should redirect to dashboard	Should redirect to dashboard	Pass	High
TC33	Login	Functional	Verify user stays logged in after a successful login session	User is logged in	1. Navigate to another page, return to the login page	Username: "Rashmi" Password: "Rashmi@123"	User should remain logged in	User should remain logged in	Pass	Medium
TC34	Login	Functional	Verify user is logged out after session timeout	User is logged in	1. Remain inactive for a long time	Username: "Rashmi" Password: "Rashmi@123"	User should be logged out automatically	User should be logged out automatically	Pass	Medium
TC35	Login	Functional	Verify user cannot log in with spaces in Username	User is on Login Page	1. Enter Username with spaces, Click "Login"	Username: "Rashmi" Password: "Rashmi@123"	Should show "Invalid Username" error	Should show "Invalid Username" error	Pass	Medium
TC36	Search Functionality	Functional Testing	Verify if the search field is present	User is on homepage	1. Navigate to homepage 2. Check if search field is available	Username: "Rashmi" Password: "Rashmi@123"	Search field should be visible	Search field should be visible	Pass	High
TC37	Search Functionality	Functional Testing	Verify search functionality with a valid title	User is on homepage	1. Enter a valid blog title 2. Click search button	"AI Trends"	Relevant results should appear	Relevant results should appear	Pass	High
TC38	Search Functionality	Functional Testing	Verify search with an invalid title	User is on homepage	1. Enter an invalid title 2. Click search button	Username: "Rashmi" Password: "Rashmi@123"	No results should be displayed	No results should be displayed	Pass	Medium
TC39	Search Functionality	Functional Testing	Verify search with an empty input	User is on homepage	1. Click search button without entering anything	N/A	System should show an error message or no results	System should show an error message or no results	Pass	Medium
TC40	Navigation Bar	Functional Testing	Verify that the "Register" button is clickable	User is on homepage	1. Click on "Register" button	N/A	Should navigate to the registration page	Should navigate to the registration page	Pass	High
TC41	Navigation Bar	Functional Testing	Verify that the "Login" button is clickable	User is on homepage	1. Click on "Login" button	N/A	Should navigate to the login page	Should navigate to the login page	Pass	High
TC42	Navigation Bar	Functional Testing	Verify dark mode toggle functionality	User is on homepage	1. Click on the theme toggle button	N/A	The theme should switch between dark/light mode	The theme should switch between dark/light mode	Pass	Medium
TC43	Blog Creation	Functional Testing	Verify that a user can create a post with valid input	User is logged in	1. Enter valid Title, Summary, Upload a file, Format text, Click "Create Post"	N/A	Blog should be created successfully	Blog should be created successfully	Pass	High
TC44	Blog Creation	Functional Testing	Verify that Title field is mandatory	User is logged in	1. Leave the Title field empty, fill in other fields, Click "Create Post"	N/A	Should show validation error "Title is required"	Should show validation error "Title is required"	Pass	High
TC45	Blog Creation	Functional Testing	Verify that Summary field is mandatory	User is logged in	1. Fill Title, leave Summary empty, Click "Create Post"	N/A	Should show validation error "Summary is required"	Should show validation error "Summary is required"	Pass	High
TC46	Blog Creation	Functional Testing	Verify that uploading an image file works	User is logged in	1. Click "Choose File", Select an image, Click "Create Post"	N/A	File should be uploaded successfully	File should be uploaded successfully	Pass	Medium

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