test cases		testing type	test descriptio n	pre conditions	test steps	test data	expected result	actual result	status	priority							
TC01		Functional Testing	Verify that the "Get Started"		Navigate to homepage 2. Click on "Get Started" button	N/A	to the registration/logi	it's not navigate to the registration/logi n page	Fail	High							
TC02		Functional Testing	Verify the visibility of "Join the Blogging Community!" section	User is on homepage	Navigate to homepage 2. Check if the section is visible		should be	The section should be clearly visible	Pass	High							
TC03	Homepage	UI Testing	Check the alignment of the "Join the	User is on homepage	1. Navigate to	N/A	be properly centered and	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	Hover over the "Get Started" button	N/A	The button color should change as per design	should change	Pass	Low							
TC05	Homepage	Performance Testing	Measure page	User opens homepage	Load the homepage and measure time taken	N/A	acceptable time	Page should load within acceptable time limit	Pass	Medium							
TC06	Homepage	Functional Testing		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		Fail	High							
TC07	Registration	Functional Testing		User is on	1. Enter valid	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	Leave Username empty, enter Password, Click "Register"	Username: "Rashmi" Password: "Rashmi@123"	W 1	Should show "Username is required" error	Pass	High							
TC09	Registration	Functional Testing		User is on	Enter Username, leave Password empty, Click "Register"	Username: "Rashmi" Password: "Rashmi@123"		"Password is	Pass	High							
TC10	Registration	Functional Testing	Verify password field accepts a minimum of 8 characters		1. Enter Username, Enter Password < 8 chars, Click "Register"	Username: "Rashmi" Password: "Rashmi@123"	he 9±	"Password must	Fail	High							
TC11	Registration	Functional Testing	Verify special characters are allowed in Username	User is on Register Page	Enter Username with special chars, Click "Register"		User should be registered	User should be	Pass	Medium							
TC12	Registration	Functional Testing	Verify weak passwords (like "12345678") are rejected	Register Page	password, Click "Register"	"Rashmi@123"		"Weak password" error	Fail	High							
TC13	Registration	Functional Testing	Verify duplicate usernames are not allowed			Username: "Rashmi" Password: "Rashmi@123"	Should show "Username already exists" error		Pass	High							
TC14	Registration	UI Testing	Verify the alignment of input fields & button	User is on Register Page	Check the visual alignment of Username, Password & Button	N/A	aligned	be properly aligned	Pass	Low							
TC15	Registration	UI Testing		User is on Register Page	Enter partial details, check if the button is enabled	N/A	be disabled until	it's not showing Button should be disabled until all fields are valid	Fail	Medium							
TC16	Registration	Functional Testing	Verify case sensitivity in Username		1. Register "TestUser", then try "testuser"	N/A	Should allow	it Should not allow case- sensitive usernames	Fail	Medium							
TC17		Functional Testing		Register Page	chars, Click "Register"	Username: 51+ chars	Should show validation error	it should not Should show validation error	Fail	Medium							
TC18	Registration	Functional Testing	Verify registration with long Password	User is on Register Page	chars, Click "Register"	Password: 51+ chars		it Should not show validation error	fail	Medium							
TC19	Registration	Functional Testing	Verify password masking works	User is on		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	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	Register Page	spaces, Click "Register"	Username: "test user"		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	Register a user, check if they remain logged in	N/A	stay logged in	User should stay logged in after registration	Pass	Medium							

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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	-	Username: "Rashmi"	Should show "Invalid credentials"	it Should not show "Invalid credentials" error	Fail	High							
TC25	Login	Functional	Verify Username is mandatory	User is on Login Page	1 Leave	Username: "Rashmi" Password:	Should show "Username is required" error	Should show	Pass	High							
			Verify Password	User is on Logic	"Login" 1. Enter	Username:	Should show	Should show									
TC26	Login	Functional	is mandatory Verify login	Page	leave Password empty, Click "Login"	Password: "Rashmi@123"		required" error	Pass	High							
TC27	Login	Functional	button is disabled until both fields are filled	User is on Login Page	button state	N/A	Button should be disabled unti both fields are filled	Button should be disabled unti 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	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	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		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	Enter valid credentials, Click "Login"	Username: "Rashmi" Password: "Rashmi@123"		Should redirect to dashboard	Pass	High							
TC33	Login	Functional	Verify user stays logged in after a successful login session	User is logged in	Navigate to another page, return to the login page	Username: "Rashmi" Password: "Rashmi@123"	User should remain logged	User should remain logged in	Pass	Medium							
TC34	Login	Functional	Marifu upar ia	User is logged in	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	User is on Login Page	Enter Username with spaces, Click	Username: "Rashmi" Password:	Should show "Invalid Username"	Should show "Invalid Username"	Pass	Medium							
TC36	Search Functionality	Functional Testing		User is on homepage	"Login" 1. Navigate to homepage 2. Check if search	"Rashmi" Password:	Search field should be	Search field should be visible	Pass	High							
TC37	Search Functionality	Functional Testing	Verify search	User is on homepage	field is available 1. Enter a valid blog title 2. Click search	"Rashmi@123"		Relevant results	Pass	High							
TC38	Search Functionality	Functional Testing	Verify search	User is on homepage	Click search	Username: "Rashmi" Password:	No results should be displayed	No results should be displayed	Pass	Medium							
TC39	Search Functionality	Functional Testing	Verify search	User is on homepage	1. Click search button without entering	"Rashmi@123" N/A	System should show an error message or no	System should show an error message or no	Dana	Medium							
TC40	Navigation Bar	Functional Testing	Verify that the "Register"	User is on homepage	1. Click on "Register" button	N/A	results Should navigate	results Should navigate		High							
TC41	Navigation Bar	Functional Testing	clickable Verify that the "Login" button is clickable		1. Click on "Login" button	N/A	Should navigate to the login	Should navigate to the login	Pass	High							
TC42	Navigation Bar	Functional Testing	Verify dark		Click on the theme toggle button	N/A		The theme should switch between		Medium							
TC43	Blog Creation	Functional Testing	Verify that a user can create a post with valid	User is logged	Enter valid Title, Summary, Upload a file, Format text.	N/A	Blog should be created	Blog should be created		High							
		-	input		Click "Create Post" 1. Leave the Title field		Should show	Should show									
TC44	Blog Creation	Functional Testing	Verify that Title field is mandatory	User is logged in	empty, fill in other fields, Click "Create Post"	N/A	validation error "Title is required"	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	validation error	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	N/A	File should be uploaded successfully	File should be uploaded successfully	Pass	Medium							
					"Create Post"												

TC47	Blog Creation	Functional Testing	Verify that invalid file User in accepted	is logged "C S	. Click Choose File", Select a .exe or odf file, Click Create Post"	N/A	Should show error "Invalid file type"	Should show error "Invalid file Pass type"	High	
TC48	Blog Creation	UI Testing	Verify the alignment of input fields User in	is logged Ti	. Check ilignment of fitle, Summary, and other fields isually	N/A		All elements should be properly aligned	Medium	
TC49	Blog Creation	UI Testing	Verify button color and visibility User in	is logged "C	. Check Create Post" autton visibility color	N/A	Button should be visible and correctly colored		Low	
TC50	Blog Creation	Functional Testing	Verify the character limit for Title User i	is logged th	. Enter 300+ haracters in he Title field, Click "Create Post"		Should show validation error	Should show validation error Pass	High	
TC51	Blog Creation	Functional Testing	Verify the character limit for Summary	is logged S	. Enter 1000+ haracters in Summary field, Click "Create Post"		Should show validation error	Should show validation error Pass	High	
TC52	Blog Creation	Functional Testing	Verify empty post submission is not allowed User in	is logged P	. Click "Create Post" without Iling any field	N/A		Should show multiple Pass validation errors	High	
TC53	Blog Creation	Functional Testing	Verify that clicking "Create Post" redirects to the blog page	is logged co	. Fill all fields orrectly, Click Create Post"	N/A	Should redirect to the blog page	Should redirect to the blog page	High	
TC54	Footer Links	Functional Testing	Verify that "Home" link User i navigates to page homepage	is on any 1.	. Click on Home" link	N/A	Should navigate to homepage	Should navigate to homepage Pass	High	
TC55	Footer Links	Functional Testing	Verify that "About" link User i navigates page correctly	is on any 1.	. Click on About" link	N/A	Should navigate to About page	Should navigate to About page	High	
TC56	Footer Links	Functional Testing	Verify that "Contact" link User inavigates page correctly		. Click on Contact" link	N/A	Should navigate to Contact page	Should navigate to Contact page	High	
TC57	Footer Links	Functional Testing	Verify that "Privacy Policy" User i link opens page correctly	is on any "F	. Click on Privacy Policy" nk	N/A	page	Privacy Policy Pass page	Medium	
TC58	Footer Links	UI Testing	Verify the alignment of footer links	al	. Inspect visual lignment of poter links	N/A	Links should be properly aligned	Links should be properly aligned Pass	Medium	
TC59	Footer Links	Functional Testing	Verify "Follow Us" social User i media icons are page clickable	is on any G	. Click on SitHub, inkedIn, witter icons	N/A	to respective	Should navigate to respective Pass social media	High	
TC60	Footer Links	Security Testing	Check if footer links are User i protected from page XSS	is on any <	. Inject script>alert XSS') n URL fields	N/A	The script should not execute	The script should not execute Pass	High	
TC61	UI Design	UI Testing	Verify responsive design on different screen sizes	nane W	. Resize vindow and heck UI	N/A	Page should be responsive	Page should be responsive Pass	High	
TC62	Performance	Performance Testing	Measure homepage load time	a al	. Load page ind measure me	N/A	load within	Page should load within Pass acceptable limit	Medium	