Tutorial Ninja		
	Project Name:	**Tutorial Ninja**
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	Date:	**29-01-2025**
	Feature:	**User Registration**

Test Scenario ID	Test Scenario	Test Case ID	Test Case Description	Pre-Requisities	Test Steps	Test Data	Expected Result	Actual Result	Status
TS_001	Verify user registration with valid and invalid data	TC_001	Verify successful user registration with valid data	None	1. Navigate to the registration page. 2. Fill in valid data. 3. Click submit.	Email: user@example.com, Password: Pass@1234	User registered successfully & redirected.	Registration successful!	Passed
		TC_002	Verify registration with an existing email	Email is already registered	1. Navigate to the registration page. 2. Enter an existing email. 3. Click submit.	Email: used@example.com	Error: "Email already exists"	This email is already registered.	Passed
		TC_003	Verify registration with invalid email format	None	1. Navigate to the registration page. 2. Enter invalid email. 3. Click submit.	Email: user.com	Error: "Invalid email format"	Please enter a valid email.	Failed
TS_002	Verify user registration with password-related issues	TC_004	Verify registration with weak password	None	1. Navigate to the registration page. 2. Enter weak password. 3. Click submit.	Password: 12345	Error: "Weak password"	Password must be strong.	Passed
		TC_005	Verify registration with short password	None	1. Navigate to the registration page. 2. Enter short password. 3. Click submit.	Password: abc12	Error: "Password too short"	Password must be 8+ characters.	Passed
		TC_006	Verify registration with password mismatch	None	1. Navigate to the registration page. 2. Enter mismatched passwords. 3. Click submit.	Password: Pass@1234, Confirm Password: Pass@123	Error: "Passwords do not match"	The passwords do not match.	Passed
TS_003	Verify registration when required fields are missing	TC_007	Verify registration with missing fields	None	1. Navigate to the registration page. 2. Leave required fields empty. 3. Click submit.	Email: empty, Password: empty	Error: "Missing fields"	Please fill out this field.	Passed
		TC_008	Verify registration with empty email field	None	1. Navigate to the registration page. 2. Leave email field empty. 3. Click submit.	Email: (empty)	Error: "Email required"	Email cannot be empty.	Passed
		TC_009	Verify registration with empty password field	None	1. Navigate to the registration page. 2. Leave password field empty. 3. Click submit.	Password: (empty)	Error: "Password required"	Password cannot be empty.	Passed
TS_004	Verify registration with invalid characters and formats	TC_010	Verify registration with leading & trailing spaces in email	None	1. Navigate to the registration page. 2. Enter email with spaces. 3. Click submit.	Email: " testuser@example.com "	Error: "Invalid email format"	Email cannot contain spaces.	Passed
		TC_011	Verify registration with SQL injection attempt	None	1. Navigate to the registration page. 2. Enter SQL injection in email. 3. Click submit.	Email: test'; DROP TABLE users; --"	Error: "Invalid input"	Invalid characters detected.	Passed

		TC_012	Verify registration with JavaScript injection attempt	None	1. Navigate to the registration page. 2. Enter JS injection in email. 3. Click submit.	Email: <script>alert ('test')</script>	Error: "Invalid input"	Invalid characters detected.	Passed
TS_005	Verify registration with duplicate entries	TC_013	Verify registration with duplicate username	Username is already taken	1. Navigate to the registration page. 2. Enter duplicate username. 3. Click submit.	Username: testuser	Error: "Username already exists"	Username is taken.	Passed
		TC_014	Verify registration with duplicate phone number	Phone number is already used	1. Navigate to the registration page. 2. Enter duplicate phone number. 3. Click submit.	Input: -5642889742	Error: "Phone number already registered"	Phone number is in use.	Passed
		TC_015	Verify registration with emoji in username	None	1. Navigate to the registration page. 2. Enter emoji in username. 3. Click submit.	Username: 😀 testuser	Error: "Invalid characters"	Username cannot contain emojis.	Failed
TS_006	Verify registration with unusual characters and edge cases	TC_016	Verify registration with non-alphanumeric password	None	1. Navigate to the registration page. 2. Enter non-alphanumeric password. 3. Click submit.	Password: @#$%^&*!	Error: "Invalid password"	Password must include letters & numbers.	Failed
		TC_017	Verify registration with excessive white spaces in password	None	1. Navigate to the registration page. 2. Enter password with extra spaces. 3. Click submit.	Password: " Test 123 "	Error: "Invalid password format"	Password cannot contain extra spaces.	Failed
		TC_018	Verify registration with maximum allowed username length	None	1. Navigate to the registration page. 2. Enter max-length username. 3. Click submit.	Username: 30-character-long-username	Registration should be successful.	Registration successful!	Passed
TS_007	Verify registration under different network conditions	TC_019	Verify registration when API server is down	Server is down	1. Navigate to the registration page. 2. Attempt to register. 3. Verify server response.	Email: test@example. com, Password: Test@1234	Error: "Service unavailable"	Registration service is down.	Passed
		TC_020	Verify registration while network connection is lost	No internet	1. Disconnect internet. 2. Navigate to registration page. 3. Try to register.	Email: test@example. com, Password: Test@1234	Error: "No internet connection"	Please check your internet connection.	Passed
TS_008	Verify registration with back-end validation failures	TC_021	Verify registration with spaces in phone number	None	1. Navigate to the registration page. 2. Enter phone number with spaces. 3. Click submit.	Input: -5642 8897	Error: "Invalid phone number format"	Remove spaces from phone number.	Passed
		TC_022	Verify registration when clicking "Register" multiple times	None	1. Navigate to the registration page. 2. Click "Register" button multiple times.	Email: test@example. com, Password: Test@1234	Request should process once	Processing registration...	Passed
TS_009	Verify email and phone number format validation	TC_023	Verify registration with multiple special characters in email	None	1. Navigate to the registration page. 2. Enter email with special characters. 3. Click submit.	Email: test@example. com, Password: Test@1234	Error: "Invalid email format"	Email format incorrect.	Passed
		TC_024	Verify registration with spaces in phone number	None	1. Navigate to the registration page. 2. Enter phone number with spaces. 3. Click submit.	Input: -5642 8897	Error: "Invalid phone number format"	Remove spaces from phone number.	Passed
TS_010	Verify registration with special cases in input	TC_025	Verify name field accepts more than 100 characters	None	1. Navigate to the registration page. 2. Enter name with more than 100 characters. 3. Click submit.	Name: 101+ characters	System should restrict input	Extra characters are accepted	Failed

| | | TC_026 | Verify name field does not allow special characters | None | 1. Navigate to the registration page. 2. Enter special characters in the name field. 3. Click submit. | Name: @John_Doe! | Error message should be displayed | Special characters are accepted | Failed |