

Types of Test Cases

- **Username** (must be 3–15 characters, only letters/numbers)
- **Email** (must be valid format, e.g., test@gmail.com)
- **Password** (8–20 characters, must include at least 1 number & 1 special character)
- **Confirm Password** (must match Password)
- **Register Button**

Test Case ID	Type	Description	Steps	Expected Result	Severity
TC01	Edge	Register with whitespaces or special characters in username	Enter username consisting of whitespaces or special characters	Error: should include only letters or numbers	High
TC02	Usability	Input Fields and Buttons should get Highlighted or focused when Hover or clicked	Click or focus on input fields or button	Should get highlighted to show which is focused currently	Low / Medium
TC03	Edge/Negative	Password should have at least 1 number and 1 special character	Enter password missing either number or special characters (eg: input:abcdefghi)	Error: password should have at least 1 number and 1 special character	High
TC04	Negative	leave email field empty	Leaving email field empty and click register	Error: email should not be empty	High

TC05	Positive	Register with valid data	Enter valid username, valid email, strong password, confirm password same → click Register	User account created, redirected to welcome page	High
TC06	Negative	Passwords do not match	Enter valid data but mismatch password & confirm password → click Register	Error: "Passwords do not match"	High
TC07	Boundary	Username = 2 chars (below min)	Enter ab → fill rest valid → click Register	Error: "Username must be at least 3 characters"	Medium
TC08	Usability/Boundary	Error should be clearly mention	Enter password of 7 characters having special character	Error: password should be between 8-20 characters and at least 1 number	High
TC09	Negative	Enter email with invalid format	Enter email testgmail.com	Error: email should have valid format(eg: test@gmail.com)	Medium
TC10	Negative (Edge)	Email without @ should be rejected	Enter email testgmail.com	Error: "Invalid email format. Must include @"	High