QA Test Cases and Checklist and Bug Reports – DemoBlaze Sign Up Form

# Checklist for Registration Form

* • UI Elements and Layout: All fields and buttons should be visible, correctly labeled, and aligned.
* • Field Visibility and Behavior: Input fields should accept text and indicate mandatory fields.
* • Input Validation – Required Fields: Username and Password must not be empty.
* • Input Validation – Format and Constraints: Fields should enforce valid formats (e.g. min length, disallowed characters).
* • Unique Identifier (Duplicate Handling): Attempting to register the same username twice should fail.
* • Special Characters and Malicious Input: Inputs should be sanitized or rejected.
* • Error Messages and Feedback: Errors must be clear, field-specific, and user-friendly.
* • Successful Registration: Unique credentials should register successfully and show confirmation.
* • Miscellaneous / Edge Cases: Closing the form without submitting should cancel the action.

# Test Cases

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | Title | Steps | Expected Result | Actual Result | Status |
| TC01 | Sign Up Form UI Visibility | Open https://demoblaze.com, click Sign up | Username and Password fields are visible and aligned. Sign up button present. | A pop-up appeared with "Sign up successful." | Passed |
| TC02 | Successful New User Signup | Enter valid new username & password, click Sign up | User is registered and success message shown. | User is registered and success message shown”Sign up successful.” | Passed |
| TC03 | Signup with Empty Username | Leave Username blank, enter password, click Sign up | Error shown: Username required. | Pop-up appeared: "Please fill out Username and Password" | Passed |
| TC04 | Signup with Empty Password | Enter Username, leave Password blank, click Sign up | Error shown: Password required. | Pop-up appeared: "Sign up successful. | ! |
| TC05 | Username with Special Chars | Use !@# in Username, enter password, click Sign up | Either accepted or error shown depending on rules. | Pop-up appeared: "Sign up successful." | ! |
| TC06 | Username with Spaces | Enter 'user name' as Username, enter password | Accepted or error for invalid format. | Pop-up appeared: "Sign up successful." | ! |
| TC07 | Duplicate Username Signup | Register same Username twice | Error: User already exists. | Pop-up appeared: "This user already exist." | Passed |
| TC08 | Short Password Submission | Enter valid username & short password | Error: Password too short or accepted. | Pop-up appeared: "This user already exist." | ! |
| TC09 | Long Username Submission | Enter username > 50 chars, password, Sign up | Error or handled gracefully. | Pop-up appeared: "This user already exist." | ! |
| TC10 | Close Sign-up Form | Click Cancel/Close on form | Form closes, nothing submitted. | Form closes, nothing submitted | Passed |
| TC11 | Numeric-Only Username | Use '123456' as Username | Accepted if allowed, or error. | Pop-up appeared: "This user already exist." | ! |

### ****Bug Report #1****

**Title:** Signup succeeds without entering a password  
**Steps to Reproduce:**

1. Go to [https://demoblaze.com](https://demoblaze.com" \t "_new)
2. Click “Sign up”
3. Enter a valid username
4. Leave the password field empty
5. Click “Sign up”

**Expected Result:**  
An error should appear: "Password is required" and registration should fail.  
**Actual Result:**  
Pop-up appeared: “Sign up successful.”  
**Severity:** High  
**Status:** New

### ****Bug Report #2****

**Title:** Signup allows special characters in username  
**Steps to Reproduce:**

1. Go to [https://demoblaze.com](https://demoblaze.com" \t "_new)
2. Click “Sign up”
3. Enter @#! or similar in username field
4. Enter a valid password
5. Click “Sign up”

**Expected Result:**  
Input should be rejected or validated with an error message.  
**Actual Result:**  
Pop-up appeared: “Sign up successful.”  
**Severity:** Medium  
**Status:** New

### ****Bug Report #3****

**Title:** Signup allows username with spaces  
**Steps to Reproduce:**

1. Go to [https://demoblaze.com](https://demoblaze.com" \t "_new)
2. Click “Sign up”
3. Enter a username with spaces like user name
4. Enter a valid password
5. Click “Sign up”

**Expected Result:**  
Input should be rejected or show an error message.  
**Actual Result:**  
Pop-up appeared: “Sign up successful.”  
**Severity:** Medium  
**Status:** New

### ****Bug Report #4****

**Title:** Short password is accepted during signup  
**Steps to Reproduce:**

1. Go to [https://demoblaze.com](https://demoblaze.com" \t "_new)
2. Click “Sign up”
3. Enter a valid username
4. Enter a very short password (e.g., 3)
5. Click “Sign up”

**Expected Result:**  
Password should be validated for minimum length, and error shown.  
**Actual Result:**  
Pop-up appeared: “This user already exists.” (no password length check)  
**Severity:** Medium  
**Status:** New

### ****Bug Report #5****

**Title:** Username over 50 characters accepted  
**Steps to Reproduce:**

1. Go to [https://demoblaze.com](https://demoblaze.com" \t "_new)
2. Click “Sign up”
3. Enter a username with more than 50 characters
4. Enter a valid password
5. Click “Sign up”

**Expected Result:**  
Input should be rejected or truncated with an error message.  
**Actual Result:**  
Pop-up appeared: “This user already exists.”  
**Severity:** Low  
**Status:** New

### ****Bug Report #6****

**Title:** Numeric-only usernames are allowed  
**Steps to Reproduce:**

1. Go to [https://demoblaze.com](https://demoblaze.com" \t "_new)
2. Click “Sign up”
3. Use 123456 as the username
4. Enter a valid password
5. Click “Sign up”

**Expected Result:**  
Username should require at least one alphabetic character.  
**Actual Result:**  
Pop-up appeared: “This user already exists.”  
**Severity:** Low  
**Status:** New