

#	Test Case ID
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1 TC\_REG\_001

2 TC\_REG\_002

3 TC\_REG\_003

4 TC\_REG\_005

5 TC\_REG\_006

6 TC\_REG\_007

7 TC\_REG\_008

8 TC\_LOGIN\_001

9 TC\_LOGIN\_002

10 TC\_LOGIN\_003

Test Case Title

Valid Registration with Real Accounts

Password Validation Enhanced

Registration Empty Fields with Messages

Terms Checkbox Validation

Security Comprehensive Assessment

Form Validation UI Elements

Boundary Values Enhanced

Valid Login and Welcome Message

Login-Logout-Welcome Back Flow

Login Page Elements Validation

Project Owner
Address
Application Under Test
Reference Document
Created By
Creation Date
Completion Date
Sprint No

Module

Registration

Registration

Registration

Registration

Registration



Registration

Registration

Login

Login

Login

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FM12-2023
Theophilus Onolunose
28/7/2025
29/12/2025

Preconditions

User is on Registration Page

User is on Registration Page

User is on Registration Page

User is on Registration Page

User is on Registration Page

User is on Registration Page

User is on Registration Page

User is on Login Page

User is on Login Page

User navigates to Login Page


Test Steps

1. Open application in browser
2. Navigate to registration page
3. Enter valid first name
4. Enter valid last name
5. Enter valid email
6. Enter valid password
7. Enter matching confirm password
8. Accept terms and conditions
9. Click "Create Account"

1. Test short password validation
2. Test password mismatch validation
3. Navigate between tests
1. Navigate to signup page
2. Enter only first name: "John"
3. Leave other fields empty
4. Click create account
5. Check validation messages
1. Navigate to signup page
2. Fill all required fields
3. Do NOT check terms checkbox
4. Click create account
5. Verify HTML validation
1. Test SQL injection in first name
2. Test XSS in last name
3. Complete other fields
4. Submit form
5. Verify safe handling

1. Navigate to signup page
2. Verify presence of all form elements
3. Check accessibility
1. Test very long first name (256 chars)
2. Test very long last name (256 chars)
3. Test very long email (300+ chars)
4. Test minimum valid inputs
1. Get credentials from environment
2. Navigate to login page
3. Enter valid email
4. Enter valid password
5. Click login button
6. Verify welcome message
1. Perform successful login
2. Verify login success
3. Click user profile menu (TO button)
4. Click "Sign out"
5. Verify "Welcome back" message

1. Navigate to login page
2. Verify email input field
3. Verify password input field
4. Verify login button
5. Verify forgot password link

Test Data



1. First Name: From pytest.ini
2. Last Name: From pytest.ini
3. Email: From pytest.ini
4. Password: From pytest.ini

1. Short Password: "short7!"
2. Valid Password: "ValidPass123!"
3. Mismatched Confirm: "DifferentPass123!"

1. First Name: "John"
2. Other fields: Empty
1. First Name: "John"
2. Last Name: "Doe"
3. Email: "test@example.com"
4. Password: "TallBuildings123!"
5. Terms: Unchecked
1. SQL Injection: '; DROP TABLE users; --
2. XSS Payload: <script>alert('I AM A SCAMMER');</script>
3. Email: "security@test.com"
4. Password: "TallBuildings123!"

N/A

1. Long First Name: "A" × 2562.
2. Long Last Name: "B" × 2563.
3. Long Email: "a" × 300 + "@example.com"
4. Min Valid: Single characters

1. Email: os.getenv('USERNAME')
2. Password: os.getenv('PASSWORD')

1. Email: os.getenv('USERNAME')
2. Password: os.getenv('PASSWORD')

N/A

Expected Result

Priority      Test Type

1. Registration successful
2. Success indicator appears:
  - "Check your email" message OR
  - "Welcome" message OR
  - Success/verify/onboarding URL

P1

Smoke

1. Short password rejected
2. Password mismatch rejected
3. No success indicators appear

P1

Negative

1. Empty fields rejected
2. Validation messages appear
3. No success indicators

4. Validation message:
  - "Please fill out this field."

P2

Negative

1. Registration blocked
2. HTML5 validation message appears
3. No success indicators

4. Expected:
  - "Please check this box if you want to proceed."

P2

Negative

1. Payloads sanitized or rejected
2. No security vulnerabilities
3. Safe handling  
(either success or rejection acceptable)

P1

Security

1. All elements present:

- First name field
- Last name field
- Email field
- Password field
- Confirm password field
- Terms checkbox
- Create account button

P2 UI

1. Long inputs rejected

2. Min valid inputs accepted

3. Appropriate validation messages

4. Failed. Not expected

P3 Boundary

1. Login successful

2. Welcome message displayed

3. User redirected to dashboard

4. Success verification methods triggered

P1 Smoke

1. Login successful

2. Logout successful

3. "Welcome back" message appears

4. User redirected to login page

5. Complete flow verification

P1 Smoke

1. All essential elements present:

- Email input field
- Password input field
- Login button
- Forgot password link

2. 4/4 elements verification

P2 UI

Pytest Markers

@pytest.mark.smoke

@pytest.mark.negative

@pytest.mark.negative

None specified

@pytest.mark.security

@pytest.mark.ui

@pytest.mark.boundary

@pytest.mark.smoke

@pytest.mark.smoke

None specified