

## Manual Test Cases

### Test Case 1: Successful Form Submission with Valid Data

\*Test Case ID\*: TC-001

\*Test Case Description\*: Verify successful form submission with valid data.

\*Pre Conditions\*: The user is on the form page.

\*Test Steps:\*

1. Enter "John Doe" in the Name field.
2. Enter "john.doe@example.com" in the Email field.
3. Enter "password123" in the Password field.
4. Enter "password123" in the Confirm Password field.
5. Enter "1990-01-01" in the Date of Birth field.
6. Select "Male" for the Gender.
7. Select "Yes" for the Newsletter/Subscription.
8. Click on the Submit button.

\*Expected Results:\*

- The form is submitted successfully.
- The user is redirected to the success page.
- A success message "Form submitted successfully" is displayed.

\*Post Conditions\*: The form data is processed, and the user is on the success page.

### ### Test Case 2: Successful Form Submission with Different Valid Gender and Newsletter Options

\*Test Case ID\*: TC-002

\*Test Case Description\*: Verify successful form submission with different valid gender and newsletter options.

\*Pre Conditions\*: The user is on the form page.

\*Test Steps:\*

1. Enter "Jane Smith" in the Name field.
2. Enter "jane.smith@example.com" in the Email field.
3. Enter "password456" in the Password field.
4. Enter "password456" in the Confirm Password field.
5. Enter "1985-05-15" in the Date of Birth field.
6. Select "Female" for the Gender.
7. Select "No" for the Newsletter/Subscription.
8. Click on the Submit button.

\*Expected Results:\*

- The form is submitted successfully.
- The user is redirected to the success page.
- A success message "Form submitted successfully" is displayed.

\*Post Conditions\*: The form data is processed, and the user is on the success page.

### ### Test Case 3: Form Submission with Missing Required Fields

\*Test Case ID\*: TC-003

\*Test Case Description\*: Verify error messages when required fields are missing.

\*Pre Conditions\*: The user is on the form page.

**\*Test Steps:**

1. Enter "John Doe" in the Name field.
2. Leave the Email field blank.
3. Leave the Password field blank.
4. Leave the Confirm Password field blank.
5. Leave the Date of Birth field blank.
6. Click on the Submit button.

**\*Expected Results:**

- Error messages are displayed for each missing field:
  - "Email is required"
  - "Password is required"
  - "Confirm Password is required"
  - "Date of Birth is required"
- The form is not submitted.

**\*Post Conditions\*:** The form remains on the page with error messages displayed.

**### Test Case 4: Form Submission with Mismatched Passwords**

**\*Test Case ID:\*** TC-004

**\*Test Case Description\*:** Verify error message when passwords do not match.

**\*Pre Conditions\*:** The user is on the form page.

**\*Test Steps:**

1. Enter "John Doe" in the Name field.

2. Enter "john.doe@example.com" in the Email field.
3. Enter "password123" in the Password field.
4. Enter "password456" in the Confirm Password field.
5. Enter "1990-01-01" in the Date of Birth field.
6. Select "Male" for the Gender.
7. Select "Yes" for the Newsletter/Subscription.
8. Click on the Submit button.

**\*Expected Results:\***

- An error message "Passwords do not match" is displayed.
- The form is not submitted.

**\*Post Conditions:\*** The form remains on the page with the error message displayed.

**\*Test Case ID\*:** TC-005

**\*Test Case Description\*:** Verify error message when date of birth is left empty.

**\*Pre Conditions\*:** The user is on the form page.

**\*Test Steps:\***

1. Enter "John Doe" in the Name field.
2. Enter "john.doe@example.com" in the Email field.
3. Enter "password123" in the Password field.
4. Enter "password123" in the Confirm Password field.
5. Enter "" in the Date of Birth field.
6. Select "Male" for the Gender.
7. Select "Yes" for the Newsletter/Subscription.
8. Click on the Submit button.

**\*Expected Results:\***

- An error message "Date of birth is invalid" is displayed.
- The form is not submitted.

**\*Post Conditions\*:** The form remains on the page with the error message displayed.