

### 2.4.1 Create Account

#### 1. Test Case ID: OT\_UC\_1

- Priority: High
- Description: User Registration Main flow the user registers successfully.
- Prerequisites:
  - The user does not have an existing account.
  - The system is accessible and online.
- Test Data Requirement:
  - Email address: [test@example.com](mailto:test@example.com)
  - Password: StrongPassword123!

Step #	Step Details	Expected Results
1	Navigate to registration page	The registration page loads successfully.
2	Enter required details (username, name, age, address, contact number, email, password)	The system accepts the input.
3	User submits register form	The user receives a confirmation email.
4	Click the confirmation link in the email	The system activates the account and displays a success message.

#### 2. Test Case ID: OT\_UC\_2

- Priority: Medium
- Description: Create Account alternate flow = Duplicate Email

- Prerequisites:
  - The user has attempted to register with an email that is already registered in the system.
  - The system is online and accessible.
  - An existing user account with the email [test@example.com](mailto:test@example.com) already exists in the system.
- Test Data Requirement:
  - Registered Email address: [test@example.com](mailto:test@example.com)
  - Password: StrongPassword123!

Step #	Step Details	Expected Results
1	Navigate to registration page	The registration page loads successfully.
2	Enter required details (username, name, age, address, contact number, email, password)	The user enters details, including a duplicate email address (already registered).
3	User submits register form	The system detects duplicate email and displays an error message (e.g., "Email already registered. Please log in or use another email.").
4	Try to register again with the same email	The system continues to block the registration with the duplicate email until a different email is entered.

### 3. Test Case ID: OT\_UC\_3

- Priority: Medium
- Description: User Registration alternate flow = Duplicate Username
- Prerequisites:
  - The user has attempted to register with a username that is already registered in the system.
  - The system is online and accessible.
  - An existing user account with a username usertest1 already exists in the system.
- Test Data Requirement:
  - Username: usertest1
  - Password: StrongPassword123!

Step #	Step Details	Expected Results
1	Navigate to registration page	The registration page loads successfully.
2	Enter required details (username, name, age, address, contact number, email, password)	The user enters details, including a duplicate username (already registered).
3	User submits register form	The system detects the duplicate username and displays an error message (e.g., "username registered. Please use another useranme.").

4	Try to register again with the same username	The system continues to block the registration with the duplicate username until a different username is entered.
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#### 4. Test Case ID: OT\_UC\_4

- Priority: Medium
- Description: User Registration alternate flow = Password Requirement Not Met
- Prerequisites:
  - The user enters a weak password.
  - The system is online and accessible.
- Test Data Requirement:
  - Password: weakpass

Step #	Step Details	Expected Results
1	Navigate to registration page	The registration page loads successfully.
2	Enter required details (username, name, age, address, contact number, email, password)	The user enters details, the password that is not meeting criteria (weakpass).
3	User submits register form	The system displays an error message: "Password must be strong."
4	Try to register again with the same password	The system continues to block the registration with the

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weak password until a password that meets the criteria is entered.

5. Test Case ID: OT\_UC\_5

- Priority: Medium
- Description: User Registration alternate flow = Email not received
- Prerequisites:
  - The user has successfully registered in the system, but the confirmation email is not received.
  - The system is online and accessible.
  - The email server is temporarily down or blocked, preventing email delivery.
- Test Data Requirement:
  - Email address: [test@example.com](mailto:test@example.com)
  - Password: StrongPassword123!

Step #	Step Details	Expected Results
1	Navigate to registration page	The registration page loads successfully.
2	Enter required details (username, name, age, address, contact number, email, password)	The user successfully fills in the registration details.
3	User submits register form	The system registers the user but does not send the confirmation email due to a failure in the email server.

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4	The user clicks the "Resend Email" button.	The system attempts to resend the confirmation email.
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