User Acceptance Testing (UAT) Template

Item	Details
Date	26-06-2025
Team ID	*[SWUID20250172526]*
Project Name	**SocialeX**
Maximum Marks	2 Marks

1. Project Overview

- **Project Name**: **SocialeX**

- **Version**: v1.0.0

- **Description**: A real-time MERN social media app featuring user registration/login, post creation, 24h stories, real-time chat/notifications (via Socket.io), and media uploads (via Firebase Storage).

- **Testing Period**: 2025-05-26 to 2025-06-02

- **Scope**:

  ◦ User registration & login

  ◦ Post and story creation

  ◦ Real-time chat & notifications

  ◦ Profile management

  ◦ Search and feed display

  ◦ Media upload/download

  ◦ JWT-based security

  ◦ Admin moderation (future scope)

2. Requirements to Be Tested

- As a user, I want to register/login securely.

- As a user, I want to create and view posts (text & images).

- As a user, I want to create and auto-expire stories after 24h.

- As a user, I want to chat and receive notifications in real time.

- As a user, I want to search profiles/posts.

- As a user, I want media uploads/downloads to work.

- As an admin (future), manage reported posts/users.

3. Testing Environment

- **Live URL**: `http://localhost:3000` (frontend) & `http://localhost:5000` (backend)

- **Credentials**:
Role	Email	Password
User	test.user@socialex.com	Password123
Uploader	test.uploader@socialex.com	Password123
(Admin future)	admin@socialex.com	Admin123

4. Test Cases

Test ID	Scenario	Steps	Expected Result
TC-001	Registration	1. Open `http://localhost:3000/signup` 2. Fill form with valid info 3. Submit	Redirect to home/feed, user created
TC-002	Login	1. Open `.../login` 2. Enter valid credentials 3. Submit	Redirect to dashboard/feed
TC-003	Invalid Login	1. Submit incorrect email/password 2. Submit	Show error message "Invalid credentials"
TC-004	Create Text Post	1. Login 2. Go to New Post 3. Enter text and submit	Post appears in feed
TC-005	Create Image Post	1. Login 2. Go to New Post 3. Upload image + caption	Image post appears in feed

TC-006	Create Story	1. Login2. Go to Stories3. Upload image → Story shows on top	Story displays; disappears after 24 h
TC-007	Real-Time Chat	1. Open chat as User A2. Login from User B on another browser3. Send message	User A and B see messages instantly
TC-008	Search Posts/ Profiles	1. Login2. Use search input3. Submit keyword	Feed/filter updates accordingly
TC-009	Logout	1. Click Logout2. Redirect to login page	Session cleared, homepage showing signup/login page

5. Bug Tracking

Bug ID	Description	Steps to Reproduce	Severity	Status	Notes
BG-001	Image upload fails on Post creation	1. Go to New Post2. Upload large image >5MB3. Submit	High	Open	Show file size limit or throttle upload
BG-002	Story not expiring after 24 hours	1. Upload story2. Wait >24h	Medium	Open	Fix scheduler/ cleanup logic
BG-003	Chat disconnects after idle	1. Chat open for 5+ minutes idle	Medium	Open	Check socket keep-alive or reconnection
BG-004	Search doesn't handle special chars	1. Search "John!" or "#tag"	Low	Open	Sanitize query or URL encode

6. Sign-Off

- **Tester Name**: Rohan

- **Date**: 26-05-2025

- **Signature**: Rohan

Notes:

- Test positive & negative scenarios for all features.

- Encourage feedback on UI/UX improvements.

- Include severity and reproduction steps in bug logs.

- Obtain final sign-off from **Project Manager** and **Product Owner** before deployment.