User Acceptance Testing (UAT) Template

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| Date | 26-06-2025 |
| Team ID | SWUID20250172439 |
| Project Name | Social Media App |
| 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, 24 h 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)

1. **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 24 h.
   * 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.
2. **Testing Environment**
   * **Live URL**: [http://localhost:3000](http://localhost:3000/) (frontend) & [http://localhost:5000](http://localhost:5000/) (backend)

# Credentials:

| Role | Email | Password |

| | | |

| User | [test.user@socialex.com](mailto:test.user@socialex.com) | Password123 |

| Uploader | [test.uploader@socialex.com](mailto:test.uploader@socialex.com) | Password123 |

| *(Admin future)* | [admin@socialex.com](mailto:admin@socialex.com) | Admin123 |

1. **Test Cases**

|  |  |  |  |
| --- | --- | --- | --- |
| **Tes t ID** | **Scenario** | **Steps** | **Expected Result** |
| **TC**  **- 001** | Registratio n | 1. Open [http://localhost:3000/signup2.](http://localhost:3000/signup2) Fill form with valid info3. Submit | Redirect to home/feed, user created |
| **TC**  **- 002** | Login | 1. Open .../login2. Enter valid credentials3. Submit | Redirect to dashboard/feed |
| **TC**  **- 003** | Invalid Login | 1. Submit incorrect email/password2. Submit | Show error message “Invalid credentials” |
| **TC**  **- 004** | Create Text Post | 1. Login2. Go to New Post3. Enter text and submit | Post appears in feed |
| **TC**  **- 005** | Create Image Post | 1. Login2. Go to New Post3. 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/Profi  les | 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 |

1. **Bug Tracking**

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| --- | --- | --- | --- | --- | --- |
| **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 |

1. **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.