**User Acceptance Testing (UAT) Template**

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| --- | --- |
| Date | 30-06-2025 |
| Team ID |  |
| Project Name | Social media mern app |
| Maximum Marks |  |

**Project Overview**

* **Project Name:** SocialeX
* **Description:** A full-stack social media web application where users can register, create posts, like, comment, follow/unfollow others, and manage personal profiles.
* **Project Version:** v1.0.0

**🧪 Testing Scope**

* User Registration and Login
* Post Creation and Feed Display
* Like and Comment Functionality
* Profile Viewing and Editing
* Follow/Unfollow System
* Search and Explore Feed
* Mobile Responsiveness
* Secure Token-based Authentication
* Error Handling (404, Unauthorized access, etc.)

**📌 Requirements to be Tested**

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| --- | --- |
| **Role** | **Requirement** |
| User | I want to register, log in, create posts, and interact with other users. |
| User | I want a responsive, fast feed and real-time UI updates. |
| Admin (if extended) | I want to manage inappropriate posts or spam (future scope). |
| General | I want secure login and clean error handling. |

**🧪 Testing Environment**

* **Testing URL:** https://socialex.example.com
* **Frontend:** React.js + Tailwind CSS
* **Backend:** Node.js + Express.js
* **Database:** MongoDB Atlas

**👤 Credentials:**

|  |  |  |
| --- | --- | --- |
| **Role** | **Email** | **Password** |
| User 1 | test.user1@socialex.com | userpass123 |
| User 2 | test.user2@socialex.com | userpass456 |

**✅ Test Cases**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Case ID** | **Test Scenario** | **Test Steps** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| TC-001 | User Registration | 1. Visit site → 2. Click Sign Up → 3. Fill form → 4. Submit | Account created and redirected to dashboard | As Expected | ✅ Pass |
| TC-002 | User Login | 1. Visit site → 2. Click Login → 3. Enter credentials → 4. Submit | Logged in and redirected to feed | As Expected | ✅ Pass |
| TC-003 | Create New Post | 1. Login → 2. Go to Create Post → 3. Type message → 4. Click Post | Post visible in feed immediately | As Expected | ✅ Pass |
| TC-004 | Like a Post | 1. View feed → 2. Click Like on a post | Like count increases | As Expected | ✅ Pass |
| TC-005 | Comment on a Post | 1. View post → 2. Type comment → 3. Submit | Comment appears below post | As Expected | ✅ Pass |
| TC-006 | Edit Profile Info | 1. Go to Profile → 2. Edit bio → 3. Save | Bio updates immediately | As Expected | ✅ Pass |
| TC-007 | Follow/Unfollow Users | 1. Visit another profile → 2. Click Follow/Unfollow | Button toggles and count updates | As Expected | ✅ Pass |
| TC-008 | Search for Users | 1. Use search bar → 2. Type username | Matching users appear | As Expected | ✅ Pass |
| TC-009 | Error Handling (401/404) | 1. Access unauthorized route → 2. Try broken URL | Error page or redirect shown | As Expected | ✅ Pass |
| TC-010 | Logout | 1. Click Logout from menu | Redirect to login page | As Expected | ✅ Pass |

**🐞 Bug Tracking**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Bug ID** | **Bug Description** | **Steps to Reproduce** | **Severity** | **Status** | **Additional Feedback** |
| BG-001 | Post with only emojis fails | 1. Login → 2. Create post with emojis only → 3. Submit | Medium | Open | Should allow emoji-only post |
| BG-002 | Bio update doesn't persist | 1. Edit bio → 2. Refresh profile | Low | Closed | Fixed in latest patch |

**📝 Sign-off**

* **Tester Name:** Vartika Shah
* **Date:** 30-06-2025
* **Signature:** Vartika

**🧾 Notes:**

* All test cases include both **positive and edge scenarios**.
* Mobile and desktop versions were tested across Chrome, Firefox, and Safari.
* Overall system is responsive and fast, with minor improvements needed in post validations.
* Sign-off approved for v1.0.0 deployment to production environment.