**User Acceptance Testing (UAT)**

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| Date | 10 April 2025 |
| Team ID | Team ID : SWTID1743172790 |
| Project Name | Social Media Web App |
| Maximum Marks |  |

**Project Overview:**

Project Name: Social Media Web App

Project Description:

Overview:

full-stack MERN (MongoDB, Express.js, React.js, Node.js) based social media web application designed for seamless user interaction and content sharing. The platform offers real-time feed updates, messaging, notifications, and user-friendly features for creating and managing posts, profiles, and connections.

Key Features:

* **User Authentication:** Register, log in, password reset.
* **Post Management:** Create, edit, delete, like, and comment on posts.
* **Real-Time Chat:** Direct messaging with online status.
* **Notifications:** Updates on likes, comments, new followers, etc.
* **User Profile:** Manage profile settings and view others’ profiles.
* **Search & Discover:** Search for users and trending content.

Technology Stack:

* **Frontend:** React.js, Redux, TailwindCSS
* **Backend:** Node.js, Express.js
* **Database:** MongoDB

Project Version: Version 1

Testing Period: 10/04/25 to 12/04/25

**Testing Scope:**

**List of Features and Functionalities to be Tested:**

* User Registration & Login
* Post Creation, Editing, Deletion
* Like/Comment System
* Messaging & Chat
* Profile Management
* Search Functionality

**List of User Stories or Requirements to be Tested:**

* As a user, I want to register and log in securely.
* As a user, I want to create, edit, and delete posts.
* As a user, I want to interact with posts via likes and comments.
* As a user, I want to chat with other users in real time.
* As a user, I want to manage my profile settings and view others'.
* As a user, I want to search for content and users easily.

**Testing Environment:**

**URL/Location : http://localhost:6001**

**Credentials : ( EMAIL\_API\_KEY=saniyashreya04@gmail.com )**

**Test Cases:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Case ID** | **Test Scenario** | **Test Steps** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| TC-001 | User Registration | 1. Navigate to sign-up 2. Fill in user info 3. Submit form | User is successfully registered | Registered and redirected to profile page | Pass |
| TC-002 | User Login | |  | | --- | |  |  |  | | --- | | 1. Open login page 2. Enter credentials 3. Click login | | User logs in and is redirected to feed | User logged in successfully | Pass |
| TC-003 | Create post | 1. Log in 2. Open post form 3. Write and submit | Post appears in feed | Post created successfully | Pass |
| TC-004 | Edit Post | 1. Open existing post 2. Click edit 3. Save changes | Post updated | Changes reflected | Pass |
| TC-005 | |  | | --- | |  |  |  | | --- | | Delete Post | | 1. Open post 2. Click delete | Post removed from feed | Post deleted | Pass |
| TC-006 | Like/Comment | 1. Interact with a post | Likes/comments registered | Like/comment added | Pass |
| TC-007 | |  | | --- | |  |  |  | | --- | | Chat Messaging | | |  | | --- | |  |  |  | | --- | | 1. Open chat 2. Send message | | Message delivered and displayed | Message seen by receiver | Pass |
| TC-008 | Profile Update | 1. Open profile 2. Update info 3. Save | Profile info updated | Changes saved | Pass |
| TC-009 | Search Feature | 1. Type in search 2. Select user or post | Results displayed | Relevant results shown | Pass |

**Bug Tracking:**

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| --- | --- | --- | --- | --- | --- |
| **Bug ID** | **Bug Description** | **Steps to Reproduce** | **Severity** | **Status** | **Additional Feedback** |
| BG-001 | Image not uploading | 1. Create post 2. Attach image 3. Submit | High | Open | Error 500 |
| BG-002 | Chat not updating in real-time | 1. Open chat 2. Send message | Medium | In Progress | Message only updates on refresh |
| BG-003 | Profile picture not saving | 1. Go to profile 2. Change pic 3. Save | Medium | Open | Reverts on reload |
| BG-004 | Comment box not clearing | 1. Add comment 2. Submit | Low | Closed | Comment posted but textbox stays filled |

**Sign-off:**

Tester Name: Shreeya Joshi , Komal Baid , Shreya Saniya , Vanshika Jain.

Date: 11/04/25

Signature: 