

CSE 115A – Introduction to Software Engineering

Test Plan and Report

Product Name: MoodLift

Team Name: MoodLift

Date: 4 June 2024

System Test scenarios:

- A. User Story 1: As a student, I need to be able to see my previous journal prompts using the Moodlift web application. [5 points]
 - a. Scenario 1: Validate that a student can see their previous journal prompts using the MoodLift web application, meeting all the acceptance criteria.
 - b. Preconditions: The user has a registered account and is logged in to the MoodLift web application and the user has created several journal entries in the past
 - i. Access Journal History
 - 1. Log in to the MoodLift web application and locate and click the link/button to access the journal history from journaling page.
 - 2. Expected Results: The user is redirected to the journal history from the main journaling page
 - ii. Verify Display of Previous Journal Prompts
 - 1. Ensure that the journal history page displays a list of previous journal prompts and their corresponding entries.
 - 2. Expected Results: The list of previous journal prompts and entries is correctly displayed
 - iii. Test Pagination and Scrolling
 - 1. Scroll through the list of journal prompts or use pagination by scrolling on the webpage itself to see many entries.
 - 2. Expected Results: The user can navigate through all previous journal prompts without issues
- B. User story 2: As a student, I want to receive daily suggestions for songs based on my mood input. [13 points]
 - a. Scenario 1: Validate that a user can get different song suggestions according to their mood and access curated Spotify playlists (pass)
 - b. Preconditions: The user has a registered account and is logged in to the MoodLift web application
 - c. Steps:
 - i. Access the Mood Tracker Page
 - 1. Log into the MoodLift web application
 - 2. Click the mood tracker page from the main dashboard

3. Expected Result: The mood tracker is correctly displayed with all necessary details
- ii. Test Spotify Login Functionality
 1. Click the personalized playlist login button
 2. Expected Result (if the user is not logged into Spotify on their browser): The user is redirected to login to Spotify and then are redirected back to the mood tracker page on MoodLift.
 3. Expected Result (if the user is logged into Spotify on their browser): The page reloads with nothing being updated on the page for that user.
- iii. Test Mood Tracking Functionality
 1. Hover over and click one of the moods displayed
 2. Expected Result: Hovering over a mood will display the color that it is supposed to be
- iv. Test User
 1. Locate the section for friend requests on the friend page
 2. Accept or decline any pending friend requests
 3. Expected Result: The user can successfully accept or decline friend requests and the list will be updated accordingly

C. As a user, I want access to unique journal prompts every day. [13 points]

- a. Scenario 1: Validate that a user can log a new journal entry and see a history of previous posts that they have made (pass)
- b. Preconditions: The user has a registered account and is logged in to the MoodLift web application
- c. Steps:
 - i. From home page, select “Journaling”
 - ii. Click the “Click to generate a journal prompt” button
 1. Expected Result: The new prompt should be displayed within that button
 - iii. Type into the box labeled “Journal Entry here...”
 - iv. Click the “Post” button
 - v. Click the “Saved” button
 1. Expected Result: The user should now see the previous prompts that they have posted on the “history” page.

D. As a student, I need to be able to log in so that I can journal and track my mood with MoodLift [8 points]

- a. Scenario 1: Validate that a user can register an account with Moodlift (pass)

- b. Preconditions: None
 - c. Steps:
 - i. Start Moodlift:
 - ii. Enter User Details
 - 1. Enter 'email'
 - 2. Enter 'password'
 - 3. Click Login button
 - 4. Expected Result: User should see the "success" message that the account is a registered user now and be able to login using their credentials
 - d. Scenario 2: Validate that a user can login into Moodlift (pass)
 - e. Preconditions: None
 - f. Steps:
 - i. Start MoodLift
 - ii. Enter User Details
 - 1. Enter 'email'
 - 2. Enter 'password'
 - 3. Click Login button
 - 4. Expected Result: If the user's email address corresponds to a registered user email, the user should now see the home page of Moodlift
 - 5. (Other) Expected Result: If the user's email was incorrect, then they are denied access to the app and will see a corresponding error message.
- E. As a social student, I need to be able to access and easily navigate the friends page. [8 points]
- a. Scenario 1: Validate that a social student can access and easily navigate the friends page, meeting all the acceptance criteria (Pass)
 - b. Preconditions: The user has a registered account and is logged in to the MoodLift web application and the user has existing friends in their friend list.
 - c. Steps:
 - i. Access the Friends Page
 - 1. Log into the MoodLift web application
 - 2. Click the friends page from the main dashboard
 - 3. Expected Result: The friends list is correctly displayed with all necessary details
 - ii. Test Search Functionality
 - 1. Enter a friend's name in the search bar and initiate the search
 - 2. Expected Result: The friends list is filtered to show only the friends matching the search query
 - iii. Add a New Friend
 - 1. Use the provided interface to search for friends my email

2. Send a friend request to a registered user in the MoodLift application
 3. Expected Result: The friend request is sent and a confirmation message is displayed
- iv. View and Respond to Friend Requests
1. Locate the section for friend requests on the friend page
 2. Accept or decline any pending friend requests
 3. Expected Result: The user can successfully accept or decline friend requests and the list will be updated accordingly