

Usability Test Plan for MoodMoji

1. Test Design and Protocol

Target users:

- Individuals aged 13+ interested in mood tracking and self-reflection

Goals:

- Identify potential usability issues in the user flow
- Collect user satisfaction

2. Heuristic Evaluation

Heuristic	Evaluation	Severity	Recommendations
Visibility of System Status	Calendar view shows clearly the days with mood entries.	None	No issues.
Match Between System and Real World	Using emojis for mood tracking feels relatable to users. The app uses common text input standards.	None	No issues.
User Control and Freedom	Users can easily edit or delete mood entries easily, but there's no confirmation dialogue after deleting an entry.	Medium	Adding a confirmation dialog for delete actions to avoid accidental loss of data.
Consistency and Standards	The app uses consistent visual language for buttons and actions	None	No issues.
Error Prevention	The app prevents invalid inputs by disabling the "Add Mood" button if no emoji is selected, but the journal field doesn't validate excessive input.	Low	Adding input length limits or warnings for the journal field to prevent saving excessively long entries.
Recognition Rather Than Recall	Using common icons like a calendar for calendar viewing and journal for journal viewing.	None	No issues.
Flexibility and Efficiency of Use	Basic users can track moods quickly, but power users may find it tedious to analyse trends over time without detailed reports.	Medium	Adding optional features like mood graphs or filters for advanced users.

Aesthetics and Minimalist Design	The interface is clean and uses a calming purple theme. No unnecessary elements distract from the core purpose.	None	No issues.
Help Users Recognize, Diagnose, and Recover from Errors	There are no error messages or warning when deleting an entry.	Medium	Considering to add error messages.
Help and Documentation	There is no clear help section in the mock-ups, but the app has a basic interface, making it easy for new users to use the app without any help.	None	No issues.

Summary of Findings

1. Strengths:

- Intuitive use of emojis makes mood tracking easy and engaging.
- Clean and consistent design enhances usability.

2. Weaknesses:

- Lack of "Confirm" for certain actions (e.g., delete).
- Limited features for users.

3. Opportunities for Improvement:

- Provide reporting features for analysis.
- Include confirmation dialogs to prevent accidental errors.

3. Initial Hypotheses and Questions

Hypotheses:

- Journaling alongside emojis will enhance users' reflection on their emotions.
- The app's calendar-based navigation will allow easy access to past mood records.

Questions:

- Are users able to complete the "Add Mood" and "Update" actions without external help?
- Does the app encourage consistent mood tracking over time?

4. Data Collection

- **Dependent variables** (time taken to complete specific tasks, error rates, user satisfaction scores)
- **Metrics** (task completion rates, SUS score, qualitative feedback on design and functionality)

5. Methods to use

- Usability testing – 5 participants
- Tasks – add an entry with an emoji and notes; edit a journal entry; delete a day's entry...etc.
- Take notes during user interaction
- Use post task survey, SUS questionnaire
- Collect and process data