

# Mini Project Report - SoulSafe: Your Private Mood Journal

## Project Overview

SoulSafe is a private mood journal web app designed to help users reflect on their emotions. It allows users to write, save, and view their daily moods with complete privacy. Built using HTML, CSS, and JavaScript, SoulSafe stores data locally using browser storage (localStorage), ensuring no data is sent to servers.

## Developer Information

Developed by: Chayashree S.P.

Course: BCA 4th Semester

College: B.S. Channabasappa College, Davanagere

## Technologies Used

- HTML for structure
- CSS for styling
- JavaScript for interactivity
- localStorage API for data storage

## Key Features

- Simple, clean user interface
- Write and save mood entries privately
- View saved mood history
- Data stored locally for full privacy
- Works offline
- Optional password lock (future scope)

## Project Purpose

The aim of the project is to create a privacy-focused, user-friendly mood journal that promotes mental wellness. It was developed as a mini project to demonstrate full-stack web development at a beginner

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level, with a personal and meaningful use case.

## What I Learned

- DOM manipulation with JavaScript
- Using localStorage for persistent local data
- Creating a responsive and emotional UI with CSS
- How to design and complete a self-directed project

## Future Enhancements

- Password-protected entry access
- Mood tracking with emojis
- Graphical mood reports
- Calendar-based mood viewing
- Android app conversion via WebView or Capacitor

## Sample Interview Q&A

Q: What is SoulSafe?

A: SoulSafe is a private mood journal web app developed using HTML, CSS, and JavaScript. It allows users to store daily mood entries locally for privacy and offline access.

Q: Why did you create this project?

A: I wanted to build something meaningful and simple that respects emotional privacy and promotes self-reflection.

Q: What challenges did you face?

A: Managing data persistence using localStorage and designing a peaceful user interface.

Q: What are your future plans for the app?

## **Mini Project Report - SoulSafe: Your Private Mood Journal**

A: I plan to add emoji tracking, password protection, and convert it into an Android app for wider use.

### **Conclusion**

SoulSafe reflects my creative and technical skills as a BCA student. It is a simple but meaningful mini project that I plan to showcase during placement to demonstrate my initiative and passion for building real-world applications.