



Mood Tracker App



Project Overview

You are tasked with building a Mood Tracker — a small, single-user web application that allows users to track their emotional well-being daily.

Users should be able to:

- Log their mood for the day
- Rate their emotional state from 1 (very bad) to 5 (very good)
- Optionally add a short note
- View, edit, and delete past mood entries

This is a frontend-only project. For data storage, use `localStorage` to simulate backend persistence.



What You'll Build

Create a working web app with the following core features:

- Add Mood Entry
 - Select a date
 - Choose mood level (1 to 5)
 - Add an optional note
 - Save entry to `localStorage`
- View Mood Entries
 - List of all previously saved moods (with date, mood level, and note)
- Edit Entry
 - Allow user to modify a previous entry
- Delete Entry
 - Remove a mood entry
- Data Persistence
 - Store and load data from `localStorage` so it persists between refreshes

Requirements

- Use Next.js or React
- Use Tailwind CSS for styling
- Use Zustand for state management
- Use localStorage for data persistence (no backend)

Bonus Features (Optional Stretch Goals)

These are **not required**, but will impress us!

- Mood Visuals

Show emoji or color indicators based on mood level (e.g. 😞 for 1, 😊 for 5)

- Mood Trends

Visual chart (e.g., using chart.js) showing mood trends over time

- Responsive Design

Mobile-first, fully responsive layout

Project Expectations

- Clean and reusable code

Use proper file structuring and reusable components

- Basic routing (if using Next.js)

For example, / for mood list, /add or modal for new entry

- User-friendly UI

Clean, simple, and easy to use

- Readable codebase

We'll look at how you name things, structure your app, and handle logic

Submission

Once done:

1. Push your code to a GitHub repo (make sure it's public)
2. Share the link to the repo to **developer@cazh.id**
3. Include a short README.md with setup instructions and any extra notes (like if you completed stretch goals)

Deadline

Please submit your completed project **within 5 days** of receiving this test. If you need more time, just let us know in advance.