

Fullstack Internship Assignment — Task Brief

Note: The use of AI models such as ChatGPT or any similar AI-based code generation tools is strictly prohibited for this assignment. The purpose of this task is to evaluate your personal understanding and problem-solving skills. Any indication of AI-generated code may lead to disqualification.

Project Title: Mini Employee Mood Tracker

Objective:

Create a full-stack web application using **Next.js 14/15 (App Router)**, **TailwindCSS**, **Shadcn/UI**, **TypeScript**, and **API Routes** that allows:

1. Employees to submit their **current mood** from predefined options.
2. Admin to **view all mood entries** (simple but beautiful dashboard).

Functionality & Requirements:

Pages:

1. **/ — Home Page**
 - Welcome message with a button to **Submit Your Mood**
 - Use Shadcn **Button**, clean typography
2. **/mood — Mood Submission Page**
 - Show emojis/icons with labels: 😊 Happy, 😐 Neutral, 😞 Sad
 - User selects mood → form submission with optional comment
 - On submit, save via **POST API route**
3. **/admin — Admin Dashboard (Public for this task)**
 - Table/grid listing mood entries (mood, comment, time)

- Use **Shadcn Table** and show data via **GET API route**

Technical Expectations:

- Use **Next.js App Router** (`app/` directory)
- Style with **TailwindCSS**
- Use components from **Shadcn/UI**
- Use **TypeScript** throughout
- Store mood data in-memory using a `moods.ts` file (no DB for now)
- All form interactions must use **Next.js API routes**
- Must be responsive and clean UI
- Bonus: Add light/dark mode toggle (optional)

Folder Structure (suggested)

bash

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`/app`

`/page.tsx`

`/mood/page.tsx`

`/admin/page.tsx`

`/api`

`/mood.ts` (handles GET & POST)

`/utils/moods.ts` (in-memory array)

Submission:

- GitHub repo link with README
- Deployed link (Vercel preferred)

Evaluation Criteria:

- Code quality and structure (TypeScript, modularity)
- UI consistency with Tailwind + Shadcn
- API implementation using Next.js routes
- State and form handling
- Deployment and documentation

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