

Project: Task Manager App

Note to self: You're meant to struggle with this, please do yourself a favour by choosing to do hard things for once in life, it'll change your life forever and help you with the unexplored potential you have.

Features:

User Authentication:

- Sign up and login functionality using JWT for secure authentication.
- Passwords stored using bcrypt for hashing.

Task Management:

- Users can create, update, delete, and view their tasks.
- Each task should have a title, description, status (e.g., pending, in progress, completed), and a due date.

Role-Based Access Control:

- Add a role for "Admin" to view all users and their tasks.
- Regular users should only access their tasks.

Frontend:

- React for the user interface.
- A simple form for login/signup.
- A dashboard to display tasks and allow CRUD operations.

Backend:

- RESTful API with Express.
- JWT-based authentication middleware.
- Mongoose schemas for user and task models.

Database:

- Use MongoDB to store users and tasks.

Stretch Goals:

- Add filters and sorting for tasks (e.g., by due date or status).
- Implement drag-and-drop for task statuses using a library like react-beautiful-dnd.
- Add email notifications for task reminders (e.g., using NodeMailer).