Project Management Dashboard

🎯 Project Overview

Create a complex, responsive Project Management Dashboard using React, Redux Toolkit, and Framer Motion. This is a comprehensive evaluataion project designed to test advanced frontend development skills.

Estimated Time: 20-24 hours

🛠️ Technical Requirements

Core Technologies (Required):

- Next.js 14+ with App Router
- React 18+ with TypeScript
- Redux Toolkit for state management
- Framer Motion for animations
- Tailwind CSS for styling
- shadcn/ui component library

Key Features to Implement

1. Multi-Step Project Creation Wizard
- 4-step form with validation
- Progress indicator with animations
- Dynamic team member selection
- Form state persistence across steps
- Success/error handling with notifications

2. Dynamic Task Management System
- Real-time filtering (status, priority, assignee, search)
- Sorting with multiple criteria
- Pagination with state management
- Task detail modal with edit functionality

3. Responsive Dashboard Layout
- Collapsible animated sidebar
- Stats cards with gradients and animations
- Project overview with progress tracking
- Activity feed with real-time updates
- Mobile-first responsive design

4. Advanced State Management
- 5+ Redux slices (projects, tasks, UI, notifications, auth)
- Complex state interactions between components

- Optimistic updates
- Proper TypeScript integration

5. Animation & Interactions
- Page transitions and component mounting
- Modal animations with backdrop
- Hover effects and micro-interactions
- Staggered list animations
- Loading states and skeleton screens

6. Global Notification System
- Toast notifications with different types
- Auto-dismiss with configurable timing

🎨 Design Requirements

Visual Style:
- Modern gradient backgrounds throughout the interface
- Glass morphism effects with backdrop blur
- Consistent color scheme with proper contrast
- Professional typography with proper hierarchy

Responsive Breakpoints:
- Mobile: 320px - 768px
- Tablet: 768px - 1024px
- Desktop: 1024px+

Component States:
- Hover effects with smooth transitions
- Loading states for all async operations
- Error states with proper messaging
- Empty states with helpful guidance

📦 **Deliverables**
Required Files:
- Complete Next.js project with all source code on GitHub
- TypeScript configuration files
- Tailwind configuration

Demo:
- Deployed version (Vercel)
- Screen recordings showing mobile/desktop views

⚠️ Important Notes

- No backend required - use mock data and local state
- Focus on frontend excellence - this is purely a UI/UX evaluation
- Mobile responsiveness is critical - test thoroughly on different devices
- Animation performance matters - ensure smooth 60fps animations
- Code quality is important - write clean, maintainable TypeScript
- Ask questions if unclear - better to clarify than assume

🎥 Sample Design Reference

Use the following video as a design reference:
For mobile
🔗 https://drive.google.com/file/d/11Sdvgx4XSMHIDcaeu5gwQq-5K_tBEndS/view?usp=sharing
For tablet
https://drive.google.com/file/d/1rKEkWsS6HW2sWMYlfacv8Zu8z73sCql8/view?usp=sharing
For Desktop
https://drive.google.com/file/d/148wc2A_uJ_Uv8HBZufYc8P1imyl6oolL/view?usp=sharing

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⏰ Deadline & Focus

- **Deadline: 24 hours** from the time this task is shared.

- **IMPORTANT:** Completion of the entire app is *not* required — **focus on clean structure, good code organization, and attention to detail.**

- It's okay if you don't finish all features, but make sure what you do complete is **high-quality and well-structured**.