📌 Project Summary: Task Management System

✅ **Overview**: - A comprehensive task management application that helps teams organize, track, and collaborate on projects efficiently with real-time updates and role-based access control.

🚀 **Features Implemented**

Task creation and assignment with due dates and priorities

Project organization with customizable workflows

Real-time collaboration and notifications

Role-based access control and permissions

🛠️ **Tech Stack**

Frontend: React.js with TypeScript

Backend: Node.js + Express with TypeScript

Database: PostgreSQL with TypeORM

Real-time: Socket.io for live updates

⚙️ **Challenges & Solutions**

Challenge: Managing real-time state synchronization

Solution: Implemented WebSocket integration with optimistic UI updates

Challenge: Complex role-based permissions

Solution: Created a flexible permission system with middleware validation

- **GitHub Repo:** https://github.com/shibin-larklabsai/taskmanager.git
- **Demo Video:** https://drive.google.com/drive/folders/1VrrQBY7GR-k6YpSMWLtZEQfnozY8qtY8?usp=drive_link
- **Screenshots:** https://drive.google.com/drive/folders/1xNwaiO9mKyEwXBPW7QgLDyG4uTfINt7_?usp=drive_link