Project Case: Project Management App

Project Title

Project Management App

Project Description

The El Business Project Management App is a digital solution tailored specifically for electricians and project managers within the electrical industry. The app aims to streamline the way electrical technicians and management teams handle ongoing and upcoming projects by providing a clear, user-friendly interface for task delegation, tracking, and communication.

Objective

The objective of this project is to design and develop a flexible and scalable project management platform that meets the specific workflow needs of El technicians. The goal is to enhance productivity, improve project transparency, and support seamless collaboration between team members and management.

Target Users

- **Technicians:** who need a simple way to view and manage their own tasks, as well as stay updated on their colleagues' progress.
- **Project managers and supervisors:** who require a clear overview of all ongoing and future projects, team assignments, and task statuses.

Key Features

- **Task Management:**
  Create, assign, and manage tasks with due dates, priorities, and status updates.

- **Project Management:**
  Create, assign, and manage projects with due dates, priorities, and status updates.

- **Management Overview:**
  Managers can see who is working on what, which tasks are pending, in progress, or completed.

- **Personal Dashboard:**
  Each user has their own dashboard to view their assigned tasks and deadlines.

- **Project Overview:**
  High-level view of all projects including timelines, milestones, and assigned personnel.

- **Addon Support:**
  The app will be designed to support third-party or custom-developed add-ons to extend its functionality. One example is a **Storage Management Addon**, which could help users keep track of tools, materials, and parts in stock or in use.

Vision

By delivering a specialized tool for electricians and project managers, this app aims to replace scattered, manual systems (like whiteboards, spreadsheets, or messaging apps) with a centralized platform designed for their specific industry needs.

Milestones

- PoC (Proof of concept)
  - Simple project board where you can manage all projects.
- MVP (Minimal viable product)
  - User management and personalized dashboards.
- MLP (Minimal loveable product)
  - Modular addon system, where the app can grow into a broader business tool—offering features like inventory tracking, timesheets, client communication, or safety checklists.
  - Setup to configure tasks as blocking other tasks.
  - Warn users if projects/tasks are approaching due date.