

Project Overview: FeatureOS Roadmap Clone

This project is a full-stack implementation of a roadmap management tool, inspired by FeatureOS Roadmap. It allows users to manage feature requests and tasks using a drag-and-drop interface with categorized boards.

Frontend Tech Stack:

- HTML, CSS, JavaScript - Core web technologies for structuring and styling.
- React & Next.js - For a fast, server-side rendered frontend.
- Tailwind CSS & ShadCN UI - For a sleek and modern UI.
- Drag-and-Drop (DND) - Powered by @dnd-kit/core for seamless task movement.
- Zustand - A lightweight state management solution.
- Lucide-react & React Icons - For rich and customizable icons.
- Sonner - For smooth and interactive toast notifications.

Backend Tech Stack:

- MongoDB & Prisma - Database and ORM for structured and efficient data management.
- Next.js API Routes - Backend endpoints for CRUD operations.

Key Features:

- User Authentication - Login, logout, and signup.
- Dynamic Data Fetching - Fetches and displays tasks based on categories or boards.
- Drag-and-Drop Functionality - Move tasks seamlessly between different roadmap stages.
- Real-time Data Updates - Board updates immediately upon drag-and-drop.
- Detailed Modal View - Click on a task to see detailed information in a modal.
- Optimized Performance - Server-side rendering for faster loading.
- Mobile Responsive Design - Works smoothly across devices.

Project Goal:

The aim was to create an exact clone of FeatureOS Roadmap while maintaining clean code and best practices.