Kechow Technical Architecture & Development Guide

Frontend Stack: Vue 3, TypeScript, TailwindCSS, Pinia/Redux pattern
Backend Stack: Laravel 11 (PHP 8.3), MySQL, Sanctum Auth, Prisma-style Models
Mobile App: React Native + REST/GraphQL API

Backend Modular Structure

Module	Description
Restaurant	Manages menus, orders, schedules, and payouts
Order	Handles order lifecycle, delivery assignment, and tracking
User	Authentication, roles, and permissions
Payment	Integrates payment gateways and wallet system

CI/CD Setup

GitHub Actions pipeline builds Docker images, runs tests, and deploys to AWS or Render.
Nginx used as reverse proxy. PM2 for process management.

API and Database Schema Overview

The system exposes REST and GraphQL APIs for mobile/web clients.