

Sharp Road Management System - Development Checklist

Backend Checklist

- [x] Core setup (Express, SQLite, dotenv, db.js, Employees route)
- [] Add error handling middleware
- [] Income module: table + CRUD routes + summary
- [] Inventory module: track and update stock levels
- [] Payroll module: calculate salary and manage shifts
- [] Reports module: weekly/monthly omzet summaries
- [V] Auth (optional): JWT login + bcrypt
- [] AI prep: /predict routes and ML integration
- [] Deployment: Dockerfile, Dockerfile.dev, Railway deploy

Frontend Checklist

- [] Setup React (Vite, Tailwind, Axios, React Router)
- [] Layout components: Navbar, Sidebar, MainLayout
- [] Employees page: list, add, delete employees
- [] Income page: add and view omzet with charts
- [] Inventory page: low-stock alerts, update quantities
- [] Payroll page: auto salary calc, export to PDF
- [] Reports page: omzet trends + AI prediction display
- [] Styling: Tailwind polish, responsiveness, dark mode
- [] Deployment: build + serve with Express + Docker

Optional Power-Ups

- [] CSV export for income reports
- [] WhatsApp/Telegram low-stock alerts
- [] Cron job for daily omzet summary
- [] Dummy data seeding for testing