

Sharp Road Management System - Development Checklist

Backend Checklist

- ☒ 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
- ☒ 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