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
- [ ] 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