

Project Roadmap & Gantt Schedule (2 Hours/Day)

Since you are working **14 hours per week**, we have adjusted the standard 10-week full-time timeline to a **24-week (6-month)** individual developer roadmap.

Phase	Focus	Duration	Estimated Hours
Phase 1	Backend Foundation	Weeks 1-3	42 Hours
Phase 2	QR Menu & Customer UI	Weeks 4-7	56 Hours
Phase 3	Staff Dashboard & Order State	Weeks 8-11	56 Hours
Phase 4	AI Chatbot (Telegram/Gemini)	Weeks 12-16	70 Hours
Phase 5	Driver App (React Native)	Weeks 17-21	70 Hours
Phase 6	Phone Orders & Integration	Weeks 22-23	28 Hours
Phase 7	Testing & Launch Prep	Week 24	14 Hours

Monthly Milestones

Month 1: The Core

- **Goal:** Have a running API and a database that can store a menu and an order.
- **Deliverable:** Database schema, Auth system, and Basic API.

Month 2: The Customer Experience

- **Goal:** A customer scans a QR code and submits an order.
- **Deliverable:** Responsive React Menu page + QR Generator.

Month 3: Restaurant Operations

- **Goal:** The restaurant sees the order and changes its status.
- **Deliverable:** Dashboard with real-time Socket.io updates.

Month 4: The AI Layer

- **Goal:** Send a text to Telegram and see an order appear on the dashboard.
- **Deliverable:** LangChain + Gemini integration.

Month 5: Logistics

- **Goal:** A driver logs in and "accepts" a delivery.
- **Deliverable:** React Native App (APK) + Driver Assignment logic.

Month 6: Final Polish

- **Goal:** Handle phone orders and fix bugs.
- **Deliverable:** Full end-to-end system testing.