Food Print

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Mission Statement

Finding meals you love shouldn't be transactional or repetitive. Food Print much like a fingerprint, transforms food delivery into a personalized, adaptive experience. Acting as a chef, dietician, and foodie friend, food print learns your tastes over time, considers context like weather or mood, and suggests meals you'll actually enjoy. For restaurants and chefs, the system optimizes menus and upsells intelligently, increasing customer loyalty and revenue. The result: happier customers, smarter kitchens, and a delivery experience that feels personal, fun, and trustworthy.
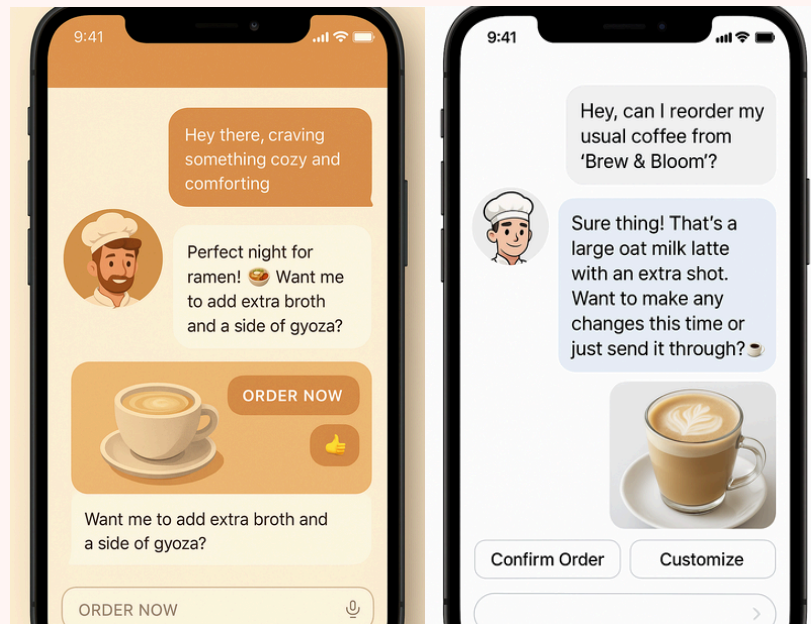
Stakeholders

- **Customers** – personalized food discovery
- **Chefs / Restaurants** – intelligent menu suggestions, increased sales
- **Delivery Partners** – optimized routing and higher engagement
- **Platform Admins** – maintain security, analytics, and system reliability

Key Features

- **Taste Memory & Evolution** – An agent that remembers your likes, dislikes, and seasonal shifts, updating memory to adapt over time.
- **Conversational Food Agent** – A chat-based companion that understands natural language and takes action to suggest or even place quick comfort meals.
- **Context-Aware Intelligence** – Uses time, weather, calendar, and mood, reasoning like a human concierge to recommend the right meal in the right moment.
- Allergen and dietary personalization and alerts, order history insights, and improved recommendation accuracy over time.
- Restaurant feedback dashboard displaying most popular orders, average prep time, and customer ratings/reviews.

Milestones

October – Release 1 (MVP)
1. User onboarding & profile creation (React + Flask + MySQL)
2. Chat interface for basic meal suggestions
3. OpenAI-powered taste memory (store/retrieve past meals)
4. Context triggers (weather-based suggestions)

November – Release 2
1. Improved Recommendation Accuracy
2. Allergen & Dietary Alerts
3. Order History Insights (recent favorites, most ordered, etc)
4. Restaurant Feedback Dashboard

Tech Stack