

SnapMeal AI

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Our Mission

Ordering food online is convenient, but users often **don't know what's in their meal**, especially for visually complex or homemade dishes. Restaurants also struggle with **communicating nutrition info quickly**.

SnapMeal AI allows users to take a photo of their meal or menu, and the system uses AI to:

- Identify ingredients.
- Estimate calories, macros, and allergens.
- Suggest whether this meal fits user preferences or dietary goals.
- Optionally recommend healthier alternatives or portion adjustments.

So what? Customers make informed ordering decisions instantly, restaurants gain trust and visibility, and delivery platforms differentiate themselves with AI-powered value-added service.

Our Stakeholders

- **Customers:** Receive nutritional insights and make safer, healthier choices.
- **Restaurants:** Provide fast nutrition info, attract health-conscious customers.
- **Delivery Platforms/Admins:** Enhance service quality and trust with AI features.
- **Healthcare Partners:** Integrate insights with wellness apps or diet tracking.

Our Milestones

October (Release 1 - Prototype)

1. Build frontend with photo upload/take photo interface.
2. Connect GPT API to analyze text extracted from menus.
3. Use a mock image model (or GPT API for known meals) to identify ingredients.
4. Display nutrition summary + simple delivery recommendation.

November (Release 2 - Enhanced System)

5. Add allergen warnings and dietary filters.
6. Suggest healthier alternatives automatically.
7. Save user preferences and history for personalized suggestions.
8. Build admin dashboard for restaurants to verify or adjust AI results.

