

NutriCart AI: Intelligent Meal & Grocery Planning

Not sure about your nutrition goals? Let us discover your dietary goal to achieve your dream body shape, and we'll suggest meal plans and grocery shopping lists to help you get there!

Mission Statement

NutriCart AI is an intelligent meal planning and grocery fulfillment engine that eliminates the tedious manual planning traditionally required for achieving health goals. By instantly generating optimized, personalized recipe plans and translating them into a single-click, integrated shoppable cart for delivery, NutriCart AI transforms health and wellness management from a time-consuming chore into a simple, automated process, ensuring dietary compliance, eliminating manual errors, and maximizing users success.



Milestones

October

- Week 1: Data & Architecture. Finalize DB Schema; Seed initial 500 recipes; Set up core cloud architecture
- Week 2: Core AI Logic. Complete logic for personalized plan and ingredient lists generation
- Week 3: Develop Core UI. Goal Setting, Plan Preview, and Account Management screens.
- Week 4: API Integration. Finalize backend.



November

- Week 5: Fulfillment Feature. Implement the front-end "Single-Click Fulfillment" button and cart mapping logic. Feature Complete Sign-Off.
- Week 6: Integrated QA & Scaling Base
- Week 7: System Stabilization. Complete Stress Testing. Launch Final Pilot to 20 friendly users for real-world validation and critical bug fixes.
- Week 8: MVP Delivery. Final code freeze and NutriCart AI MVP Official Service Launch.



Group 7 : Seojin Kim, Yongwan Cho, Cheng-Hao Chiu, Kushal Patel



NEXT.js

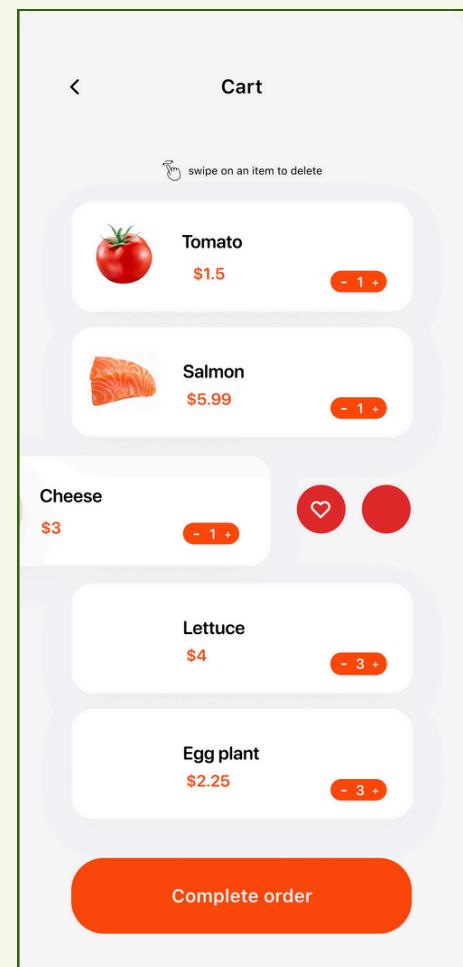
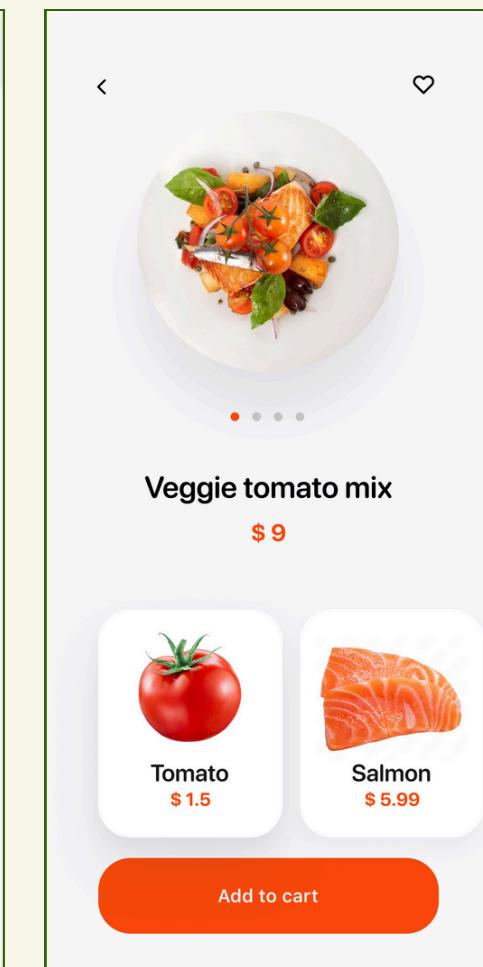
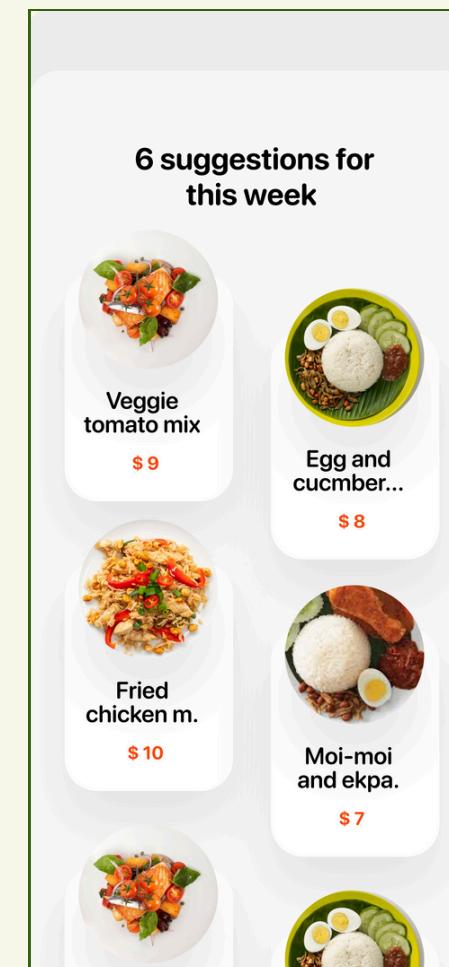


django



Use examples

1. The system suggests personalized recipes
2. The user selects their meals and system shows the ingredients list
3. The system automatically fills a grocery cart based on user's selection



Stakeholders

- **Customer:** Transforms health and wellness management from a chore into a simple, automated process without manual effort.
- **Grocery Retailer:** Maximizes efficiency by driving higher order volume
- **Nutritionist:** Ensures the client's dietary compliance, eliminates manual planning errors, and effectively connects complex recommendations to food procurement.
- **Food Influencer / Blogger:** Directly monetizes their recipes and content by connecting their culinary influence to actual grocery purchasing, maximizing their impact and creating new revenue streams.



NutriCart AI analyzes nutritional targets, creates recipes and automatically fills a grocery cart.