Calorie connect

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DISCUSSION FORUM:

Connecting Calories to Conscious Choices!

In today's fast-paced world, technology has made life more convenient but also more sedentary—causing many people to lose track of their nutritional balance. Calorie Connect helps users monitor and manage their daily calorie intake by automatically calculating personalized calorie goals based on their height, weight, age, and activity level. The system dynamically suggests meal options aligned with each user's remaining calorie balance, empowering them to make mindful dietary choices.

For restaurant owners, Calorie Connect also integrates AI-generated review summaries powered by Mistral AI, which condense customer feedback into clear insights displayed directly on the restaurant dashboard. By combining health tracking for users and intelligent feedback tools for owners, the app promotes healthier lifestyles while helping restaurants better understand and serve their customers.

Stake Holders

Over 150+ test cases with over 80% of code line coverage

- Customers/Users – Place orders, track calories, set health goals.
- Cafes/Restaurants Owners – Upload menus, manage orders, track revenue.
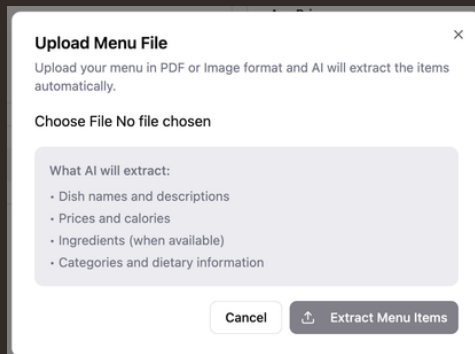- Drivers- Get restaurants orders and user locations to deliver food.

GITHUB:

A modern full-stack built for speed, scalability, and intelligence — blending Python's power, FastAPI's performance, and React + TypeScript's precision!

DEMO:

Upload Menu File ✕

Upload your menu in PDF or Image format and AI will extract the items automatically.

Choose File No file chosen

What AI will extract:
- Dish names and descriptions
- Prices and calories
- Ingredients (when available)
- Categories and dietary information

[Cancel] [⬆ Extract Menu Items]

AI Insights | All Reviews

💡 AI Review Summary   [⟳ Regenerate]

Summary:
- Positive experiences dominate, with multiple reviews praising the food quality, service, and atmosphere.:
- Delivery was quick and food remained hot, enhancing customer satisfaction.:
- Repeat business is likely, as several customers expressed intent to order again.:
- One negative review criticized the food as "very bad," but it is outweighed by the positive feedback.:

Overall Sentiment: **Positive**

Reviews: 9   [Freshly Generated]   Avg Rating: 3.7 ★

💡 Food Recommendations
Personalized picks based on your profile by us

🎯 Daily goal: 1942 cal   Today: 450 cal · Remaining: 1492 cal

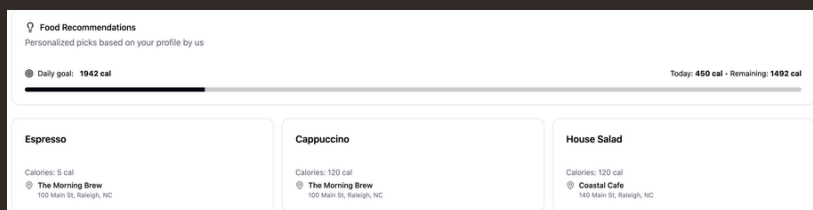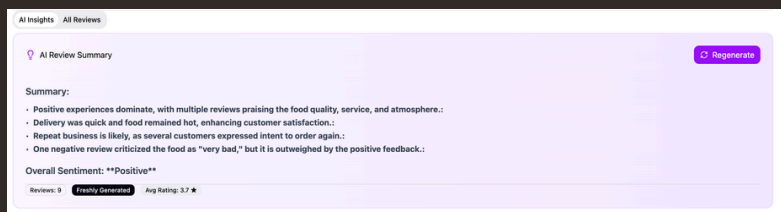| Espresso	Cappuccino	House Salad
Calories: 5 cal	Calories: 120 cal	Calories: 120 cal
📍 The Morning Brew	📍 The Morning Brew	📍 Coastal Cafe
100 Main St, Raleigh, NC	100 Main St, Raleigh, NC	140 Main St, Raleigh, NC

What's new?

- **Login/Signup Page:** Provides secure access for users, restaurant owners, and drivers to create accounts or sign in and access their personalized dashboards.
- **Food Recommendations:** Suggests personalized meal options based on each user's remaining calorie balance and activity level.
- **GitHub Actions Setup:** Automated build and pre-commit test workflows ensure code quality and continuous integration.
- **AI Review Insights:** Powered by Mistral AI, it summarizes customer feedback to help restaurant owners quickly understand what diners love — and where to improve.
- **Calorie Goal & Tracking:** Automatically sets personalized daily calorie goals and helps users stay on track with intuitive visual progress.
- **OCR/AI Menu Scanning:** Automatically extracts and digitizes restaurant menu data from uploaded PDFs or images using OCR and AI decreasing hassle for restaurant owners to upload their menus.

What's next?

- **Owner Staff Functionality:** Allows restaurant owners to add and manage staff accounts within their dashboard.
- **Food Rerouting System:** Redirects orders to alternate users or drivers when an active order is canceled.
- **Refund Processing:** Handles automatic refund initiation and status tracking for canceled or failed orders.
- **Live Wait Time Tracking:** Displays real-time updates on food preparation and delivery wait times, allowing restaurant owners, users, and drivers to monitor order progress and ensure timely service—just like major food delivery apps.

------------------- Tech Stack -------------------