METABOLIC INTELLIGENCE

The Future of AI-Driven Nutrition

Prepared for: Innovation Series 2026

1. The Problem: Generic Nutrition is Broken

- One-Size-Fits-All Failure: Traditional diets ignore unique gut biomes.

- Information Overload: Users are overwhelmed by conflicting health trends.

- The Friction Gap: Manual logging leads to a 90% abandonment rate.

1. The Problem: Generic Nutrition is Broken

2. The Solution: Predictive Intelligence

An AI Agent that doesn't just track, but anticipates and executes.

Analyze: Real-time metabolic tracking via wearables.

Advise: Generative AI meal plans tailored to glucose and mood.

Act: Integrated shopping through Agentic Commerce.

3. The Metabolic Engine

Our AI utilizes advanced BMR (Basal Metabolic Rate) calculations synced with real-time biometric data:

$$\text{BMR} = 10 * \text{weight(kg)} + 6.25 * \text{height(cm)} - 5 * \text{age(y)} + s$$

(s = +5 for males, -161 for females)

4. Business Model & Revenue

Tier	Features	Price
Freemium	Basic Logging	$0
Pro Agent	Bio-sync & AI Chef	$14.99/mo
Medical	Clinical Reports	$49.99/mo