


# Health & Nutrition Analyzer

 **Note:** Full report analysis and AI chat require advanced server-side programming. This version provides **BMI calculation** and **rule-based meal suggestions**.

## 1 BMI Calculator

Weight (kg):

e.g., 70

Please fill out this field.

Height (cm):

e.g., 175

Analyze Health

## 2 Report Analysis (Placeholder)

To analyze a real lab report, a server would need to process the file using **OCR (Optical Character Recognition)** and **AI**. For this client-side demo, we skip this step and focus on BMI.

## 3 Personalized Meal Suggestions

### Your Meal Plan | Goal: Maintenance (Balanced Diet)

Based on your **Normal Weight** BMI, here is a suggested macro-level plan:

**Meals:** Breakfast: Oatmeal and fruit. | Lunch: Whole-grain sandwich and side salad. | Dinner: Lean protein stir-fry with brown rice.



### AI Assistant (Simulated Chat)

AI Assistant: Hello! Based on your Normal Weight status, how can I help with your meal plan?

e.g., What about a snack?

Ask

# Health & Nutrition Analyzer

⚠️ **Note:** Full report analysis and AI chat require advanced server-side programming. This version provides **BMI calculation** and **rule-based meal suggestions**.

## 1 BMI Calculator

Weight (kg):

50

Height (cm):

150

Analyze Health

**BMI:** 22.22

**Category:** Normal Weight

**Interpretation:** This is a key metric used to assess health risks.