

Model Development Phase Template

Date	15 July 2024
Team ID	SWTID1720259116
Project Title	Nutrition App Using Gemini Pro: Your Comprehensive Guide To Healthy Eating And Well-Being
Maximum Marks	5 Marks

Feature Selection and User Input

Nutritionist AI's effectiveness hinges on selecting the most relevant features to personalize user experience. To achieve this, the upcoming update will introduce a user-driven feature selection process. This empowers users to actively participate in tailoring the app to their specific needs and preferences.

This section details the Feature Selection Report Template, which serves as the foundation for this user-driven approach.

Feature	Description	Selected (Yes/No)	Reasoning
Age	User's age in years	Yes	Age can influence nutritional needs and dietary goals (e.g., calorie requirements, focus on bone health).
Gender	User's gender	Yes	Gender can impact metabolism and dietary needs (e.g., iron deficiency risks).
Height	User's height in centimeters (cm) or feet/inches	Yes	Height is crucial for calculating Basal Metabolic Rate (BMR) and calorie needs.

Weight	User's weight in kilograms (kg) or pounds (lbs)	Yes	Weight is a factor in BMR calculation and helps personalize calorie goals.
Activity Level	User's self-reported activity level (sedentary, moderate, active)	Yes	Activity level affects calorie expenditure and helps tailor meal plans.
Dietary Preferences	User-selected dietary restrictions (vegetarian, vegan, gluten-free, etc.)	Yes	Essential for generating appropriate meal plans that adhere to user preferences.
Health Conditions	User-disclosed health conditions (diabetes, allergies, etc.)	Yes	Helps identify potential dietary limitations and suggest suitable meals.
Fitness Goals	User's primary fitness goal (weight loss, muscle gain, general health)	Yes	Guides meal plan creation to provide necessary nutrients for specific goals.