

## Advancing Nutrition Science through GeminiAI

Welcome to our hackathon project! We're Food Genix, a team dedicated to revolutionizing nutrition science. Our mission is to provide detailed insights about various foods. We aim to enhance user awareness and promote healthier lifestyles.



# Project Overview: Meeting the Challenge of Nutritional Insights

## Nutritional Data

Access comprehensive nutritional data for a wide range of foods.

## AI-Powered Insights

Utilize GeminiAI to generate personalized nutritional recommendations.

## User-Friendly Interface

Design an intuitive web app for seamless user interaction.

Our project addresses the challenge of accessing nutritional information. We offer personalized dietary recommendations. The platform integrates extensive food data with AI.



# Phase 1: Brainstorming and Ideation Strategies

## 1 User Needs

Analyzed user needs using AI-driven insights and data patterns.

## 2 Innovative Solutions

Utilized AI to generate and display nutritional insights effectively.

## 3 Feasibility Analysis

Evaluated the feasibility of implementing AI-driven features.

Phase 1 focused on brainstorming. We targeted innovative solutions. We assessed the feasibility of AI features.

# Technology Stack: GeminiAI and Web Application Architecture



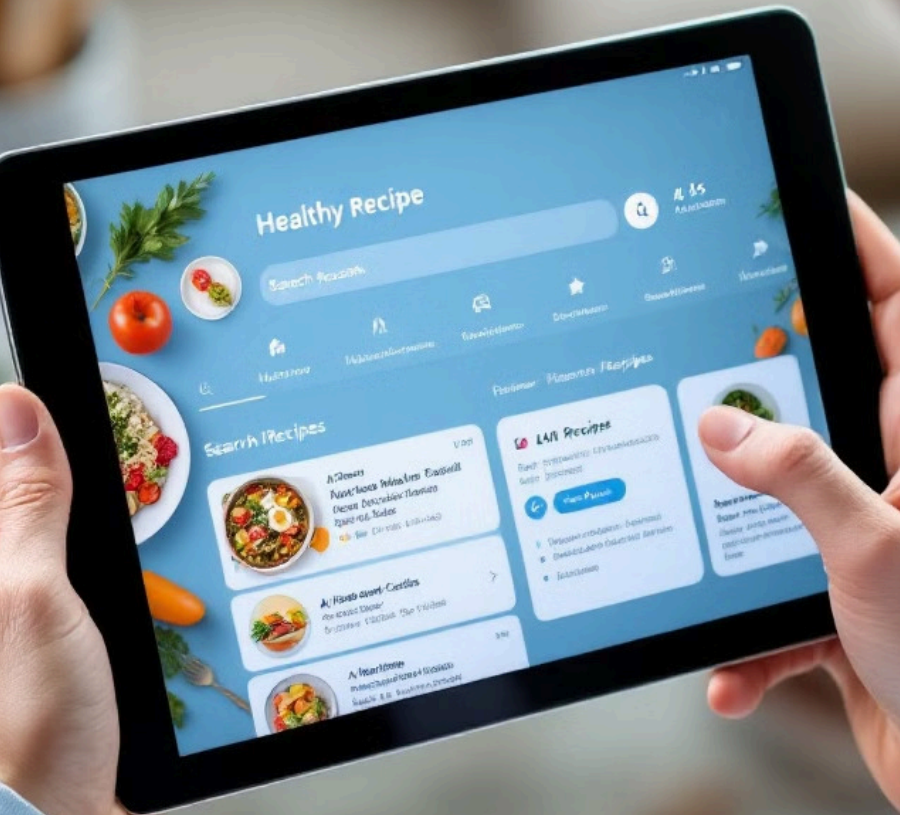
## GeminiAI

Leveraged GeminiAI for nutritional analysis and predictions.

Our technology stack features Gemini AI, and Gemini API. These provide access to extensive nutritional data. We ensure a seamless web application experience.



# Innovative Features: Nutritional Analysis and User Experience



1

## Food Calories

Users can know amount of calories present in their food

2

## Detailed Analysis

View detailed nutritional analysis.

3

## Recommendations

Receive AI-powered suggestions.

Our web application offers food search, detailed analysis, and AI recommendations. These enhance user understanding and promote healthy choices.

# Real-World Applications and Potential Impact

## Personalized Diets

Users can create diets.

## Health Monitoring

Track nutrition intake.

## Dietary Insights

Gain insights on nutrition.

Our app helps with personalized diets and health monitoring. It also provides dietary insights. It empowers healthier lifestyles and informed choices.

