

Plug into AI with AI21

Team Alone

FitDine

Consume FitDine. A solution to transform your body into a healthy body, one delicious recipe at a time. We provide best in-house expert guide for you.

AI21 labs



Problem Statement

- The global nutritional guidance market is estimated to reach a value of \$12.63 billion by 2030, with a compound annual growth rate (CAGR) of 9.9%. A significant portion of the population still lacks access to reliable and personalized nutritional guidance.
- According to market research, The global specialized diet recipe market is projected to reach \$162.64 billion by 2025, driven by the increasing number of individuals adopting specific dietary preferences. Yet many people struggle to find suitable recipes that align with their dietary needs.
- The personalized diet and nutrition market is experiencing substantial growth, with an estimated value of \$3.56 billion by 2030. A common challenge faced by individuals is the lack of personalized diet recommendations that cater to their favorite popular diets.

Pin Point- Why FitDine?

- Limited access to reliable and personalized nutritional guidance affects a significant portion of the population.
- Difficulty in finding suitable recipes that align with specific dietary preferences hampers variety and enjoyment in healthy eating.
- Lack of personalized diet recommendations hinders individuals from effectively achieving their health and fitness goals.
- Existing solutions in the market fail to address the need for an integrated platform combining healthcare, fitness, and food to provide support for a healthy lifestyle.

Feat-1: NutriExpert

NutriExpert

You:

How can you help me?



I'm Nutri Expert, I give fitness and health tips

NutriExpert: This feature involves an in-built chatbot that provides fitness and health tips. Langchain and Streamlit chat integrations will allow users to have interactive conversations with the chatbot and receive personalized advice.

Feat-2: FitDine Generator

FitDine Generator

Enter the Food receipe, I will provide fitness tips

Try existing recipe

Select a recipe:

Carina's Tofu-Vegetable Kebabs

FitDine Generator: This feature generates quality food recipes along with recommended fitness tips. This is integrated with OpenAI LLM and LangChain. Users will also receive fitness tips to complement the chosen recipes, making it a holistic approach.

Feat-3: HealthHub

HealthHub

High protein, low carb diets may promote weight loss, preserve muscle mass, improve blood sugar control, lower your risk of heart disease, and enhance bone health.

Select your diet-type:

Keto

Keto Tips Summarize

Click to generate Tip

Keto diet dish recommendation

Recipe_name	Carbs(g)	Protein(g)	Fat(g)
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HealthHub: This feature focuses on educating users about different types of diets, such as protein, fat, and carb diets, as well as Keto and Vegan diets. This is integrated with AI21 Labs

Feat-4: CuisineCoach

Your similar recommendations

- 0 : "Mabo Dofu - Tofu with Beef"
- 1 : "North State's Plate's Tofu Roast"
- 2 : "Best Blackbottom Pie"
- 3 : "Carrot Cake"
- 4 : "Almond Pound Cake"
- 5 : "Blueberry Buttermilk Tarts"
- 6 : "Buttermilk-Oat Bread"
- 7 : "Anzac Biscuits"
- 8 : "Chicken-Fried Steak With Cracked Pepper Gravy"
- 9 : "Chocolate Zucchini Bread"

CuisineCoach: This feature acts as an in-house recommender system based on users' favorite popular diets. It is integrated with TFIDF and Cosine similarities that helps to recommend recipes that align with users' dietary preferences.

Feat-5: Imagine

Imagine

Imagine a Food Receipe design and bring it live

Write the recipe and get the Image:

Imagine: This feature allows users to design and visualize their food recipe ideas. This is mainly dependent on Dream Studio Stable Diffusion API.

Market value and customer needs

- **NutriExpert**, an in-built chatbot, offers personalized fitness and health tips, addressing the customer's need for reliable guidance and support.
- **HealthHub** educates users about various diets, including protein, fat, carb, keto, and vegan diets, catering to different dietary preferences and providing valuable information to make informed choices.
- **FitDine Generator** generates quality food recipes with recommended fitness tips, providing customers with a wide range of delicious and healthy options, enhancing their meal planning experience.
- **CuisineCoach** acts as an in-house recommender, suggesting recipes based on users' favorite popular diets, offering personalized recommendations and ensuring a seamless and enjoyable cooking journey.
- **Imagine** feature allows users to design and visualize their own food recipe ideas, providing a unique and interactive experience, enhancing customer engagement and satisfaction.

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THANK
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