Project Design Phase-I

Proposed Solution

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Project Name	Nutrition Assistant Application

Proposed Solution Template:

The project aims at developing an application that helps people to lead a healthy lifestyle by providing information about the ingredients and their nutritional content in the food they are consuming. By this people can avoid various health-related issues like obesity, heart attack, diabetics etc. Monitoring and tracking of goal anddiet plans will be provided for the user based on the data collected from them.

S. No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	• It is easy to fall into a trap of eating unhealthy foods which is heavy in calories. Once the nutritional value is replaced by foods high in sugar, bad fats and salt it leads to various health issues so users need to control their daily calorie intake to lead a healthy lifestyle.
2.	Idea / Solution description	• The solution is a responsive Web application that can be used in any PCdevices. • The website provides a user-friendly interface and accepts multiple samplespredicting them simultaneously. • Our method uses Clarifai's AI- driven food recognition model to accurately identify food suggestions. • A detailed report of the concerned person's health will be generated.
3.	Novelty / Uniqueness	• Keep a food journal. • Providing individual diet charts for users based on their BMI and medical condition if any. • Provides recipes according to their diet. • Providing a user-friendly environment.
4.	Social Impact / Customer Satisfaction	• Getting feedback from the users for enhancement and giving notification on their diet plans and goal tracking. • Nutrition focused food banking & targetedin-depth reporting reviews that

		paid subscriptions the best.
5.	Business Model (Revenue Model)	• Advertising membership option for users to get more benefits like diet- plans or consultation from experts and In-app advertisements. • Revenue is generated on a subscription basis, with big data processing and targetedin-depth reporting reviews that paid subscriptions the best.
6.	Scalability of the Solution	• Providing regular updates • Efficient goal tracking assistance • The additional features such that sleep tracking, mensuration tracking can be done.