

Project Design Phase-I

Proposed Solution

Date	26 September 2022
Team ID	PNT2022TMID03794
Project Name	Project - Nutrition assistant application
Maximum Marks	2 Marks

Proposed Solution:

S.No.	Parameter	Description
•	Problem Statement (Problem to be solved)	Due to a lack of knowledge about healthy nutrition, the rate of obesity is rising rapidly, posing threats to people's health. The simplest way to prevent obesity is for people to manage their daily calorie consumption by eating healthier meals. Some food packaging does include nutrition and calorie information, however it's not very convenient to use.
•	Idea / Solution description	The solution is that by taking a picture of the food and uploading it to the app, users may learn the nutritional value of the food they are consuming. The web app can be created by employing Clarifai's AI-Driven food recognition model to find out the nutritional content of the recognised food as well as suggest diets that support keeping a healthy lifestyle.
•	Novelty / Uniqueness	A report that includes nutritional value about the food that users eat in a day. With personalized information users can be notified with diet recommendations, provide suitable meals, and help them set goals for maintaining a healthy diet.
•	Social Impact / Customer Satisfaction	Gives each consumer a personalised diet and leads them to live a healthy life. Also seeks their suggestions on how to enhance the product further.
•	Business Model (Revenue Model)	This application can be publicized more effectively on social media by emphasising its value in improving health. Subscription or membership offers extra benefits. It also offers very low prices for subscription.
•	Scalability of the Solution	People can develop healthy eating habits by being able to measure calories and nutrition values of the food and receiving regular updates. It also can be accessed easily from anywhere, anytime, and also provides personalization.