

Project Design Phase-I
Proposed Solution

Date	18 October 2022
Team ID	PNT2022TMID00751
Project Name	AI-Powered Nutrition Analyzer for Fitness Enthusiasts
Maximum Marks	2 Marks

Proposed Solution Template:

S No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	People are not consuming sufficient amount of food to provide them with the necessary calories, fats, proteins, vitamins and minerals for them to maintain an optimal health. While on the other hand, a section of people consume food that's plentiful than needed for them.
2.	Idea / Solution description	The main aim of this Nutrition Analyzer is to determine the perfect amount of nutrition needed for the user and for doing so it gives precise measurements of the nutrient contents of the food they consume.
3.	Novelty / Uniqueness	This is available as both webpage and as an application for users convenient with easy accessibility. It makes sure that the user's water intake is up to their requirement along with the nutrition intake.
4.	Social Impact / Customer Satisfaction	Not every people can afford a nutritionist, but this Analyzer gives them access to explore their nutrition journey. By monitoring the nutrition disorders related to it can be considerably reduced.
5.	Business Model (Revenue Model)	The application can be deployed for access by the general public. The application would draw the attention of several users who are determined to lead a healthy lifestyle and wish to undergo a physical transformation. The application could be built in such a way that features are progressively unlocked based on

		the subscription amount paid by the user starting from the generic nutrition analyzer feature to charting out personal plans for users.
6.	Scalability of the Solution	The proposed application has several features. It can be further enhanced to integrate more features based on feedback from users and ratings.