

Project Design Phase-I
Proposed Solution Template

Date	22 September 2022
Team ID	PNT2022TMID21516
Project Name	AI-powered Nutrition Analyzer for Fitness Enthusiasts
Maximum Marks	2 Marks

Team leader: Malathy G

Team Members: Prijitha S, Srivishali K, Sujatha K

Team - Faculty Mentor: A.M.Abirami

Proposed Solution Template:

Project team shall fill the following information in the proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	In the world of today, everything should be done in an instant, that is the trend the people follow nowadays. In this instant world providing nutrient-riched food is more challenging.
2.	Idea / Solution description	In our project we are going to create a web application in which user import a image and corresponding details of the food like nutrients , proteins contents, weights in grams will be displayed.Initially, importing all the necessary dataset contains training and testing models and packages for image data generator,class using flask application. Then connect the flask with a web application, which shows the result set on the web.
3.	Novelty / Uniqueness	<ul style="list-style-type: none">● Recommending nutritional foods based on the customer's daily routine.● The customer can also add a new recipe to the given nutritional diet.● Providing the correct amount of nutrition content for a customer.
4.	Social Impact / Customer Satisfaction	By providing a health beneficial food, the customer feels healthy and he/she can avoid malnutrition etc.

5.	Business Model (Revenue Model)	<ul style="list-style-type: none"> ● A subscription business model automatically renews the client's access to our services for a specified period of time. ● provide customers with a timely reminder when their subscription is set to renew. ● Additionally, we must bear in mind the concept of personalization and adjust or advance their programme as necessary.
6.	Scalability of the Solution	<ul style="list-style-type: none"> ● Analyzing that all the needs of the customer are satisfied. ● System requirements are available to all the customers.