

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID06754
Project Name	Project – Nutrition Assistant Application
Maximum Marks	2 Marks

Proposed Solution Template:

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

S. No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	In today's people busy lifestyle, they ignore the healthy food habits and attract towards the fast foods even though they are aware of the effects of the fast food for their health. So, Obesity rates are increasing at an alarming speed, and this is reflective of the risks to people's health. However, although food packaging comes with nutrition labels, it's still not very convenient for people to refer to Web application based nutrition dashboard systems which can analyse real-time images of a meal and analyse it for nutritional content which can be very handy and improves the dietary habits, and therefore, helps in maintaining a healthy lifestyle.
2.	Idea / Solution description	This project aims at a building a web App that estimates the amount of calorie present in the food by classifying the input image of the food. Our method employs Clarifies AI-Driven Food Detection Model for accurate food identification and Food API's to give the nutritional value of the identified food.
3.	Novelty / Uniqueness	<ul style="list-style-type: none">• Providing a healthy way of diet plan for every individual by considering their BMI value.• Help user to remind their exercise schedule• Conduct classes on general nutrition education• Reminding water consumption
4.	Social Impact / Customer Satisfaction	The customer will get satisfied by knowing the amount of nutrition content present in that food. People will able to reduce their weight by following the diet recommended for them. This application will create a revolution about leading a healthy life.

5.	Business Model (Revenue Model)	On considering the subscription rate of the customer's, revenue will be gained. Collaborate with product companies. Collaborate with nutritional experts.
6.	Scalability of the Solution	Easy interaction with simple UI. With this application, nutrition assistants help dieticians with providing proper nutrition at healthcare facilities.