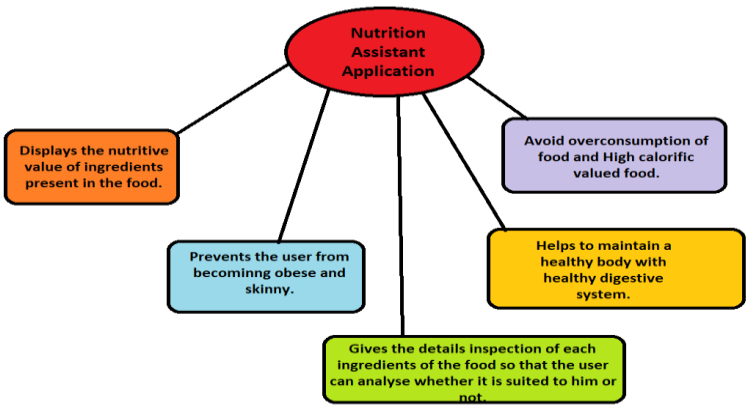
Project Design Phase-I
Proposed Solution Template

Date	24 September 2022
Team ID	PNT2022TMID19500
Project Name	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)	Due to the ignorance of healthy food habits, obesity rates are increasing at an alarming speed, and this is reflective of the risks to people's health. People need to control their daily calorie intake by eating healthier foods, which is the most basic method to avoid obesity. However, although food packaging comes with nutrition (and calorie) labels, it's still not very convenient for people to refer to App-based nutrient dashboard systems which can analyze real-time images of a meal and analyze 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 building a web App that automatically estimates food attributes such as ingredients and nutritional value by classifying the input image of food. Our method employs **Clarifai's 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	• High accuracy in collecting the nutrition of each ingredient of the food. • Clear cut view of food's nutritional view. • Complex food can also be analysed.
4.	Social Impact / Customer Satisfaction	• Will get an idea whether his/her food is right choice for them. • Avoid conditions like Obese and Skinny body. • Helps to maintain healthy body.
5.	Business Model (Revenue Model)	
6.	Scalability of the Solution	Ability to know the nutritional value of each food we eat, Since it will be used by everyone who keep on considering their health in mind.