Project Design Phase-I
Proposed Solution Template

Date	02 October 2022
Team ID	PNT2022TMID32825
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 improvement in people's standards of living, obesity rates are increasing at an alarming speed, and this is reflective to the risks in 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. App-based nutrient dashboard systems which can analyze real-time images of the meal and analyze it for nutritional content can be very handy and improve the dietary habits, and therefore, result in a healthy life.
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	Customer can add recipes with combined and different ingredients that is used to calculate calories in the food items.
4.	Social Impact / Customer Satisfaction	The predicted result will satisfy users to find nutritional foods that can obey their health condition.
5.	Business Model (Revenue Model)	
6.	Scalability of the Solution	It can handle any amount of data and perform many computations in an effective and time-saving way.