

**PROJECT DESIGN PHASE - I**  
**PROPOSED SOLUTION TEMPLATE**

Date	29-09-2022
Team ID	PNT2022TMID34944
Project Name	Nutrition Assistant Application

**Proposed Solution :**

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	<p>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.</p>

2.	Idea / Solution Description	<p>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 <b>Clarifai's AI-Driven Food Detection Model</b> for accurate food identification and Food API's to give the nutritional value of the identified food.</p>
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3.	Novelty / Uniqueness	A new solution in which the information about the exact nutritional information of inputted image.
4.	Social Impact / Customer Satisfaction	The nutrition assistant impacted society greatly because of the society people is live in unhealthy food routine so this is give the good nutritional information about the food.

5.	Business Model (Revenue Model)	This application is very usefull to the people who are interested or responsibility in their health instead of the gym or trainer investment cost is reduced .There must me the minimal cost of using this web based application.
6.	Scalability of the Solution	This solution is scalable enough to fit the body in healthy way to get nutritional information..