

**Project Design Phase-I**  
**Proposed Solution Template**

Date	24 September 2022
Team ID	PNT2022TMID02289
Project Name	AI-powered Nutrition Analyzer for fitness Enthusiasts
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)	Health is wealth!" For hundreds of decades, we have known this saying. But only 20-30% of the globe truly has healthy habits and, other than walking, the rest of the 70% have no physical exercise. Indeed, adults are not fitness-related and early in life acquire health problems. However, individuals have turned to their health and wellbeing during the past several months. It is, of course, because of the coronavirus COVID-19!The user finds difficult to know the nutrition value of the fruits available. It is difficult to remember the nutrition value of food. The application should help the children, and visually impaired people in finding nutrient value.
2.	Idea / Solution description	Here the user can capture the images of different fruits and then the image will be sent the trained model. The model analyses the image and detect the nutrition based on the fruits like (Sugar, Fibre, Protein, Calories, etc.).
3.	Novelty / Uniqueness	You don't have to visit or consult a nutritionist to follow a healthy diet. This website have the feature of

		analysing the entire content of fruit by simply scanning a picture of fruit
4.	Social Impact / Customer Satisfaction	People can do weight managements, strengthen their bones and muscles, manage chronic health conditions & disabilities.
5.	Business Model (Revenue Model)	Social media is the best way to spread the word about our application. And with the influencers we can attract the normal people. Clustering and targeting the fitness people with the help of local gyms
6.	Scalability of the Solution	It is a vital part of analytical chemistry that provides information about the chemical composition, processing, quality control and contamination of food.