

## Project Design Phase-I

### Proposed Solution

Date	24 September 2022
Team ID	PNT2022TMID32306
Project Name	Project –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)	The main aim of the project is to building a model which is used for classifying the fruit depends on the different characteristics like colour, shape, texture etc.
2.	Idea / Solution description	It is a vital part of analytical chemistry that provides information about the chemical composition, processing, quality control and contamination of food.
3.	Novelty / Uniqueness	Instead of searching information, The model analyses the image and detect the nutrition based on the fruits like (Sugar, Fibre, Protein, Calories, etc.).
4.	Social Impact / Customer Satisfaction	Nutrition analysis tools enable more opportunities to help people understand their daily eating habits, exploring nutrition patterns and maintain a healthy diet.
5.	Business Model (Revenue Model)	It is cost-efficiency but also it provides best results.
6.	Scalability of the Solution	This model can be expanded to include more attributes for more accurate detection .Training the model with even more attributes will increase the efficiency further.