Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID18684
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)	The main aim of the project is to build a model which is used for classifying the fruit depends on the different characteristics like colour, shape, texture etc. Here the user can capture the images of different fruits and then the image will be sent to the trained model. The model analyses the image and detect the nutrition based on the fruits like (Sugar, Fibre, Protein, Calories, etc.).
2.	Idea / Solution description	The user can capture images and can get the details about the food and nutrients that are present in the food and suggestions related to the health and fitness of the user.
3.	Novelty / Uniqueness	This system analyses the images that are given as input and It displays the nutrients that are available in the fruit.
4.	Social Impact / Customer Satisfaction	Customer is satisfied when the nutrients are displayed by the system. And the suggestions are provided.
5.	Business Model (Revenue Model)	Subscription for premium users is being implemented for revenue purposes.
6.	Scalability of the Solution	Recommendation system are also included for scalability purposes.