Project Design Phase-I
Proposed Solution Template

Date	24 September 2022
Team ID	PNT2022TMID48156
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 building 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 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	AI and its various subsets have been leveraged by these platforms to identify the calorie intake and also to make food recommendations for a healthy diet. In most cases, what we see is that these platforms act as a data repository where while providing real-time information to its users, it also makes available to numerous clients who work in this field for a determined rate.
3.	Novelty / Uniqueness	The weekly plans thus formed satisfy the nutritional requirements along with the provision of assorted foods addressing the target problem of the prospect.
4.	Social Impact / Customer Satisfaction	AI is not yet widely used in the areas of nutrition and fitness, it is found that the current technology available is favorable to the application of AI, since a large amount of data is collected by these technologies and, therefore, AI could be very useful in their mining.
5.	Business Model (Revenue Model)	It is fully service based application.There will be no profit for this project

6.	Scalability of the Solution	Our Future plan is to extend this application to make it more scalable.We are notify everyday.To check the difference in the user.If they didn't get any result after that we recommend a doctor to get next level treatment.