Project Design Phase-I
Proposed Solution Template

Date	25th September 2022
Team ID	PNT2022TMID36413
Project Name	AI-poweredNutritionAnalyserforFitnessEnthusiasts65GP
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)	To build a model which is used for classifying the fruit depends on the different characteristics like colour, shape, texture etc.
2.	Idea / Solution description	We have planned to build our model based on the deep learning technique CNN (Convolutional Nueral Networks). Here the model is trained with almost all the possible image of the fruits.
3.	Novelty / Uniqueness	Our model will able to provide all the nutrients that are available in the fruits. The picture of the fruit is uploaded by the user, the model then compares the image with the trained data and provides the result that best suits the uploaded image
4.	Social Impact / Customer Satisfaction	This application will be very much usefull for people such as body builders, fitness coach or trainees, and people who concentrates more on their physical fitness. They can be able to consume food(fruits) with measured nutrition.
5.	Business Model (Revenue Model)	AI is one of today's most heralded technologies and this model is for health care this application is most likely to be used by money. Using this standards, recurring income prospects that are subscription-service, and usage-based.
6.	Scalability of the Solution	Using the AI approach the nutrition of food(fruit) is analysed in a better way. Even after the development, the model can be enhanced by implementing some additional algorithms/strategies which improves the model's efficiency.