Project Design Phase-I
Proposed Solution Template

Date	7 November 2022
Team ID	PNT2022TMID17942
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)	In order to distinguish between fruits and vegetables based on colour, texture, shape, and other features, an ordinary human needs employ cutting-edge AI-based analysis software. The user must be informed of the nutritional value of that particular food at the moment of identification.
2.	Idea / Solution description	Main Solution: • Identification of the provided input data is accurate and clear. • Give nutritional information based on the collected information. • Analysis and upkeep of fitness based on the user's physical circumstances Additional benefits: • Analysis of daily dietary requirements • meticulously measuring daily nutritional intake.
3.	Novelty / Uniqueness	• The provision of bonus-added fitness plans • Home cures and easy fixes for common issues are suggested. • A diet tailored to each person's needs and health status. • Flexibility in diet is encouraged to encourage a nutritious and productive eating routine.
4.	Social Impact / Customer Satisfaction	• Healthy lifestyle development • Continuous calorie tracking produces a fitness attitude.

5.	Business Model (Revenue Model)	• Consultation with local nutritionists and trainers for customised strategies. • Adopt a specific diet under the guidance of a professional. • Promote and sell workout equipment and dietary supplements. • Promotion of hospitals and fitness facilities
6.	Scalability of the Solution	• Extending data collecting and increasing accuracy utilising user input data • The best way to store a certain meal • Everyone may use and profit from it because to its user-friendly UI.