Project Design Phase – I

Proposed Solution

Team ID	PNT2022TMID12745
Project Name	Project – AI-Powered Nutrition Analyzer for Fitness Enthusiasts
Maximum Marks	2 Marks
Team Leader	Chandran V V
Team members	Soundaryaa R Sanjay A Vasanth R

Proposed Solution :

S.No.	Parameter	Description
1.	Problem Statement (Problem solved)	A nutrition analyzer using AI-powered fruit classifier based on characteristics to give fitness enthusiasts with nutritional values like fibre, vitamins, minerals, protein etc.
2.	Idea / Solution description	Developing web-based software to track and monitor people's health conditions and assist in their improvement

3.	Novelty / Uniqueness	Artificial intelligence presents nutrition with unmatched prospects for advancement and applications. To maximise the potential of this developing field, there are still holes to fill.

4.	Social Impact / Customer Satisfaction	An individual's nutritional state and social, psychological, and cultural circumstances are related in a cause-and-effect manner. One may monitor how many nutrients they can balance in their diet by using this programme.
5.	Business Model (Revenue Model)	offering premium features on a monthly or annual subscription basis. Providing revenue from application data.
6.	Scalability of the Solution	The nutrition analyzer now only includes fruits, but it may be expanded to include more foods and implemented as a mobile app.