Project Design Phase-I
Proposed Solution

Date	27 october 2022
Team ID	PNT2022TMID49871
Project Name	AI-Powered Nutrition Analyzer for Fitness Enthusiasts
Maximum Marks	2 Marks

Proposed Solution:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	As the world grows more fitness-conscious with passing time, the demand for technological solutions to cater to this burgeoning demand is diversifying. Lately, a number of startups in India and worldwide are using predictive analytics artificial intelligence and natural language processing to help scores of fitness enthusiasts to track and monitor their nutrition and calorie intake.
2.	Idea / Solution description	AI-based diet planning programs would rely on machine learning and data analytics to create meal plans for your specific digestive system. AI would analyze the user's metabolism and digestive system to create an ideal meal plan for their needs.
3.	Novelty / Uniqueness	Whether these A.I. nutritionists are ready for widespread use is still unclear, and there is very little research available from sources outside the companies selling apps. Users should be wary of overly broad claims that go beyond predicting how foods affect blood sugar.
4.	Social Impact	Minimizing human effort, AI empowers community managers to nurture new users and promote engagement. The fuel that ignites community activity in combination with AI is real-time data.
5.	Business Model (Revenue Model)	This means that the popularity of on-demand health and fitness apps like HealthifyMe is steadily growing and it's a good time for any entrepreneur to join this growing sector.

6.	Scalability of the Solution	Loss and waste due to processing and consuming.