Project Design
Phase-I   (Proposed
Solution)

Date	01 October 2022
Team ID	PNT2022TMID08455
Project Name	Project – AI-Powered Nutrition Analyzer for Fitness Enthusiast
Maximum Marks	2 Marks

Proposed Solution :

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Many people are becoming obese with lack of health consciousness, not only obese some are underweight, raised blood pressure, raised cholesterol and also many are affected by cardiovascular disease, Chronic non-communicable disease, depression and so on.. due to unhealthy diet. To address this problem, aproper AI-powered nutrition analysis dietary plan has to be maintained.
2.	Idea / Solution description	Randomized trials in the nutrition field are complex because this technique demands sticking to a diet for years, resulting in higher human error chances.Theideology of a universal diet plan for everyone fails here as it is impossible biologically. Artificial intelligence allows researchers to analyse big data and better understand how diet affects human health patterns, including factors influencing their nutritional needs.
3.	Novelty / Uniqueness	Artificial intelligence and machine learning in nutrition use raw data and extract competitive features that are advantageous for predicting better dietary plans andalso our model will predict the dietary plan more accurately by using advanced AI techniques.
4.	Social Impact / Customer Satisfaction	Artificial intelligence monitors customer traffic and engagement and learns frominsights to promote self-service and sales systems.

5.	Business Model (Revenue Model)	It involves reducing risk and predictive maintenance with IoT (internet of things)to create better-connected businesses.

6.	Scalability of the Solution	The more the number of datasets, the more will be useful for the future analysis. Hence, our model will be extensible for better scalability.