

**Project Design Phase-I**  
**Proposed Solution Template**

Date	19 September 2022
Team ID	PNT2022TMID22479
Project Name	Project - AI-powered Nutrition Analyzer for Fitness Enthusiasts.
Maximum Marks	2 Marks

**PROPOSED SYSTEM**

S.No.	Parameter	Description
1.	<b>Problem Statement (Problem to be solved)</b>	<ul style="list-style-type: none"><li>• People are unaware of nutrition content and undergoing improper diet plans.</li><li>• To explore nutrition patterns and maintain a healthy diet.</li><li>• New dietary assessment and nutrition analysis tools enable more opportunities to help people understand their daily eating habits.</li></ul>
2.	<b>Idea / Solution description</b>	<ul style="list-style-type: none"><li>• Build a system to aware of nutrients in the food.</li><li>• To monitor our diet easily.</li><li>• To provide more support by allowing us to track health and fitness achievements from anywhere.</li></ul>
3.	<b>Novelty / Uniqueness</b>	<ul style="list-style-type: none"><li>• Nutrition apps can help make life easier for individuals who need to track their food intake for health reasons.</li><li>• This system analyses the image and detect the nutrition based on the fruits like Sugar, Fibre, Protein, Calories.</li><li>• This system provide feedback on strategies for changing one's relationship</li><li>• Promoting healthier food activities.</li></ul>
4.	<b>Social Impact / Customer Satisfaction</b>	<ul style="list-style-type: none"><li>• Gives better result by providing diet chart.</li><li>• It Ultimately leads to save time and money with beneficial outcomes.</li><li>• Certified before approaching customers.</li><li>• Gives free health and fitness tips.</li></ul>

5.	<b>Business Model (Revenue Model)</b>	<ul style="list-style-type: none"> <li>• It provides healthy food recommendation with calorie tracking features.</li> <li>• Provides suggestion from medical Professionals.</li> <li>• It works on Android , iOS or any other mobile operating system.</li> </ul>
6.	<b>Scalability of the Solution</b>	<ul style="list-style-type: none"> <li>• Can be used any number of times without affecting the user experience and the app's performance.</li> <li>• It uses Asynchronous Communication.</li> <li>• It is user friendly and free of charge for all users.</li> </ul>