

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

Date	19 September 2022
Team ID	PNT2022TMID28541
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)	A regular person must use cutting -edge AI-based analyzing software to identify fruits and vegetables based on color , texture, form, and other character. At the time of identification , the user must also be aware of the nutritional content of that specific edible.
2.	Idea / Solution description	<b>Main SOLUTION:</b> <ul style="list-style-type: none"> <li>● Clear and proper identification of the give input data.</li> <li>● Provide nutritional facts based on the obtained data.</li> <li>● Fitness analysis and maintenance as per the user's body conditions</li> </ul> <b>Additional benefits:</b> <ul style="list-style-type: none"> <li>● Analysis of daily dietary requirements</li> <li>● Daily tracking of dietary consumption thoroughly</li> </ul>
3.	Novelty / Uniqueness	<ul style="list-style-type: none"> <li>● The availability of fitness plans with add on bonuses</li> <li>● Suggestion of home remedies and simple solutions for basic problems.</li> <li>● An individualized food plan based on health condition and deficiency.</li> </ul>
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"> <li>● Healthy lifestyle development</li> <li>● Constant calorie management monitoring results in a fitness mindset.</li> </ul>
5.	Business Model (Revenue Model)	<ul style="list-style-type: none"> <li>● Consultation with nearest trainers and nutritionist for personalized plans.</li> <li>● Adopt a specialized diet plan under the direction of an expert.</li> <li>● Advertise and offer nutritional supplements and fitness gear.</li> <li>● Promotion for fitness centers and hospitals.</li> </ul>

6.	Scalability of the Solution	<ul style="list-style-type: none"> <li>● Improving accuracy by expanding the data collection using user input the data</li> <li>● storage requirements of a specific food.</li> <li>● User friendly UI for everyone to use and get benfity from it.</li> </ul>