

# AI-powered Nutrition Analyzer for Fitness Enthusiasts

## Project Design Phase-I Proposed Solution Template

1	DATE	14/10/2022
2	TEAM ID	PNT2022TMID50641
3	PROJECT NAME	Project- AI-powered Nutrition Analyzer for Fitness Enthusiasts
4	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 AIbased analyzing software to identify fruits and vegetables based on color, texture, form, and other characteristics. At the time of identification, the user must also be aware of the nutritional content of that specific edible.
2	Novelty / Uniqueness	<ul style="list-style-type: none"><li>● The availability of fitness plans with addon bonuses</li><li>● Suggestion of home remedies and simple solutions for basic problems.</li><li>● An individualized food plan based on health condition and</li></ul>

		<p>deficiency.</p> <ul style="list-style-type: none"> <li>● Allowing for diet flexibility helps promote a healthy and effective eating pattern</li> </ul>
3	Social Impact / Customer Satisfaction	<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> <li>● Allowing for diet flexibility helps promote a healthy and effective eating pattern</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 data</li> <li>● Storage requirements of a specific food.</li> <li>● User friendly UI for everyone to use and get benefit from it.</li> </ul>