

Project Design Phase-I Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID54073
Project Name	AI-powered Nutrition Analyzer for Fitness Enthusiasts

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)	<ul style="list-style-type: none">• People are unaware of nutrition content and undergoing improper diet plans.• To explore nutrition patterns and maintain a healthy diet.
2.	Idea / Solution description	<ul style="list-style-type: none">• A system to guide people to follow their dietary plans by classifying the foods depending on different characteristics using image processing.• To provide more support by allowing us to track health and fitness achievements from anywhere.
3.	Novelty / Uniqueness	<ul style="list-style-type: none">• This system analyses the image and detect the nutrition based on the food

		<p>like its Sugar, Fibre, Protein, Calories then add the items according to their plans.</p> <ul style="list-style-type: none"> • Promoting healthier food activities.
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"> • Gives better result by providing diet chart with free health and fitness tips. • It saves time and money with beneficial outcomes. • Certified before approaching customers.
5.	Business Model (Revenue Model)	<ul style="list-style-type: none"> • Provides suggestion from medical Professionals and fitness experts. • It works on all platforms. • It is user friendly and customizable for all age users.
6.	Scalability of the Solution	<ul style="list-style-type: none"> • Can be used any number of times without affecting the user experience and the performance. • People can consume nutrition food in affordable way.