

Project Design Phase-I  
Proposed Solution Template

Date	10th october 2022
Team ID	PNT2022TMID26505
Project Name	AI powered Nutrition Analyzer for fitness enthusiasts
Maximum Marks	2 Marks

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	An enthusiast must use an AI based analyzing software to identify the nutritional content,color,texture,form and other characteristics of food to be taken
2.	Idea / Solution description	The main aim of the project is to provide proper and clear identification(fitness level),nutritional content(proportion of vitamins,minerals,iron and fibre etc...) of the given input data(food)
3.	Novelty / Uniqueness	The AI based model using DL algorithm detects object in an image or text and provides an enthusiastic individual fitness/food plan based on nutritional requirements
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"><li>➤ Feature of providing a calorie measurement makes an individual to recreate or follow the schedule of fitness and diet.</li><li>➤ Makes the customer to track their improvement activity.</li></ul>
5.	Business Model (Revenue Model)	<ul style="list-style-type: none"><li>➤ It is a free platform for the users to make use of the application to know about the calorie and fitness level.</li><li>➤ Payment is required for special features and guidance.</li></ul>
6.	Scalability of the Solution	<ul style="list-style-type: none"><li>➤ It is an user friendly application.</li><li>➤ It provides guidelines on meal planning.</li><li>➤ Establishment of healthy lifestyle.</li></ul>