

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

<b>Team Id</b>	PNT2022TMID24705
<b>Project Title</b>	Project - AI-powered Nutrition Analyzer for Fitness Enthusiasts

**Proposed Solution :**

<b>S.No.</b>	<b>Parameter</b>	<b>Description</b>
1.	<b>Problem Statement (Problem to be solved)</b>	Knowing the Nutritional content in the food we are consuming is very much important in order to lead a healthy life. Nutritional Content involves the percentage of fats, proteins and other supplements a human body requires. Having a platform that provides all the required Information about the nutrition helps many people who lack in nutrition knowledge.
2.	<b>Idea / Solution description</b>	Creating a web platform by which the people can know about the nutritional values such as proteins fats etc present in a particular food item. User using this application can capture the images of food items before consuming and with the help of AI the information regarding that particular picture is presented to the user.

3.	<b>Novelty / Uniqueness</b>	The images can be captured within the application or from the mobile storage and the image is processed. The model detects the image and provides the required information related to the image captured.
4.	<b>Social Impact / Customer Satisfaction</b>	This Application helps people regarding nutrition Information. Everyone can maintain their own diet, and can have a healthy life. This will provide more accuracy in identifying the correct image. This will make the customer to use this model with full satisfaction. This helps the people to maintain healthy diet to live a healthy life.
5.	<b>Business Model (Revenue Model)</b>	This system makes the users to predict and analyze the picture of the fruits and foods. In which it results to the visualizing the description of the foods taken as input. We can also provide this model with subscription basis so that the user can get additional information to keep their body fit and healthy.
6.	<b>Scalability of the Solution</b>	A Model which is easy to use and follow. This provides the accurate information required regarding the supplements we are going to have by just taking the picture of it. No confusion in using as the process is simple and understandable.