

<b>Date</b>	<b>19th September 2022</b>
<b>Team ID</b>	<b>PNT2022TMID00728</b>
<b>Project Name</b>	<b>AI-powered Nutrition Analyzer for Fitness Enthusiasts</b>
<b>Maximum Marks</b>	<b>2</b>

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

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	The main aim of the project is to building a model which is used for classifying the fruit depends on the different characteristics like colour, shape, texture etc.
2.	Idea / Solution description	Here the user can capture the images of different fruits and then the image will be sent the trained model. The model analyses the image and detect the nutrition based on the fruits like (Sugar, Fibre, Protein, Calories, etc.).
3.	Novelty / Uniqueness	Uses CNN and AI and ML techniques to improve accuracy of prediction. The info is delivered in a simple and effective UI in the form of a webpage.
4.	Social Impact / Customer Satisfaction	Helps customers who want to track their nutrient consumption and dietary milestones.
5.	Business Model (Revenue Model)	Visit Based Customer acquisition.
6.	Scalability of the Solution	Can be scaled to any number of fruits based on the trained model.