

PROJECT DESIGN PHASE-I

PROPOSED SOLUTION TEMPLATE

TEAM ID	PNT2022TMID45438
PROJECT NAME	AI-POWERED NUTRITION ANALYZER FOR FITNESS ENTHUSIASTS
TEAM LEADER	BHARATHI V
TEAM MEMBERS	KAVIYA S PRIYA V THARANI P

PROPOSED SOLUTION TEMPLATE:

S.NO	PARAMETERS	SOLUTIONS
1.	Problem Statement	<ul style="list-style-type: none">• Main objective is to detect the nutrition in a fruit from camera captured image.• The identification of nutrition and calories from a image is quite an interesting field.• Since nutrition monitoring plays an important role in leading healthy lifestyle, this product has the potential to become an essential in our day to day life.
2.	Idea / Solution description	<ul style="list-style-type: none">• The solution is to develop AI-powered nutrition analyzer application.• By giving the image of the fruit as the input to the application, it will display the nutrition content in it.• By training the model with various inputs, image processing can be improved as well as the accuracy of the result.
3.	Novelty / Uniqueness	<ul style="list-style-type: none">• Personalized nutrition for individuals.• Providing science based guidance for healthy living.• Balanced food diet and measured intake.• 24/7 support.• Serving size.

4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"> • Economically stable product. • Change one's view towards health and fitness. • Quality of service. • High fiber food. • Accurate amount of nutrition.
5.	Business Model (Revenue Model)	<ul style="list-style-type: none"> • User friendly interface which improves the constant use of the product. • Hence, Economical growth improves. • Product will be delivered in pocket size which results in consuming low memory. • Nutrition and fitness related ads to earn profit
6.	Scalability of the Solution	<ul style="list-style-type: none"> • Offers ingredients substance detail in food • Suggest best health solution and meal plans for different criteria proposed by different individuals. • Virtualization of your long term plan to provide motivation to the customer.