

Project Design Phase-I
Proposed Solution

Date	31 October 2022
Team ID	PNT2022TMID12370
Project Name	AI-Powered Nutrition Analyzer for Fitness Enthusiasts
Maximum Marks	2 Marks

Proposed Solution:

S.No.	Parameter	Description
1.	Problem Statement	A person should be able to identify fruits and vegetables based on color, texture, appearance etc.. using AI-powered Nutrition Analyzer for Fitness Enthusiasts. It should also display the nutritional information of the identified fruit.
2.	Idea / Solution description	Main Solution: <ul style="list-style-type: none">● To classify the uploaded image of fruit correctly.● To provide nutritional information on the obtained data.
3.	Novelty / Uniqueness	<ul style="list-style-type: none">● Provides home remedy for basic problems.
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none">● Balanced diet is maintained.● Highly useful for patients with high blood pressure or any serious illness.● Motivates user to eat healthy food.● Having a nutritious meal improves immunity hence user will become healthy.
5.	Scalability of the Solution	<ul style="list-style-type: none">● Accuracy is achieved by using a large dataset as input.● User friendly.● Availability.● Portable.