

Project Design Phase-I

Proposed Solution

Date	24 September 2022
Team ID	PNT2022TMID25338
Project Name	AI-powered Nutrition Analyzer for Fitness Enthusiasts

Proposed Solution :

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	A nutrition analyzer with AI powered fruit classifier based on the features to provide nutritional values like fiber, vitamins, minerals, etc to Fitness Enthusiasts.
2.	Idea / Solution description	Constructing a web interface application to track the nutrient content of fruit and monitor people's health, and assisting people in health status.
3.	Novelty / Uniqueness	CNN based fruit classifier that supports nutrition analyzer that provides nutrition values of the fruit.
4.	Social Impact / Customer Satisfaction	People can concentrate on their regular tasks and jobs by enhancing their health.
5.	Business Model (Revenue Model)	Offering monthly or yearly subscription for premium features.

6.	Scalability of the Solution	For now the nutrition analyzer is limited to mostly fruits only, which can be scaled to other foods.
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