PROJECT DESIGN PHASE-I

PROPOSED SOLUTION TEMPLATE

TEAM ID	PNT2022TMID18332
PROJECT NAME	AI-POWERED NUTRITION ANALYZER FOE FITNESS ENTHUSIASTS
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PROPOSED SOLUTION TEMPLATE:

S.NO	PARAMETERS	SOLUTIONS
1.	**Problem Statement**	• 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**	• 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**	• 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**	- 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)**	- 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**	- 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.