Project Design Phase-I Proposed Solution Template

Date	14 OCTOBER 2022
Team ID	PNT2022TMID37845
Project Name	Project - AI-powered Nutrition Analyzer for Fitness Enthusiasts
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	A common person needs to identify fruits and vegetables based on colour , texture shape ,etc using an advanced AI based detecting software. The user also need to know the nutritional value of that particular edible at that particular instant of identification.
2.	Idea / Solution description	**Main Solution**: ● Clear and definite identification of the given input data(foods). ● Provide nutritional information based on the obtained data. ● Fitness analysis and maintenance **Additional benefits**: ● Daily nutrition requirements analysis . ● Daily monitoring of nutrition intake along with detailed description of benefactors .
3.	Novelty / Uniqueness	● User friendly chat box. ● Fitness package availability with add-on benefits. ● Trainer and nutritionist consultation. ● Disease and deficiency based personalized diet plan. ● Diet flexibility allowance to improve healthy and efficient diet cycle.
4.	Social Impact / Customer Satisfaction	● Development of healthy lifestyle. ● Constant monitoring of calorie management incurs fitness mindset. ● Frequent remainders for
5.	Business Model (Revenue Model)	● Consultation with nearest trainers and nutrionist for personalized plans.

		- User personalized diet plan with the guidance of a specialist. - Advertisement and marketing of nutritional supplements and fitness tools. - Promotion of nearest gyms and hospitals .
6.	Scalability of the Solution	- Biological aspects and conditions of a particular eatable needed for sustaining it's freshness knowledge. - Storage requirements of a particular food. - Increasing the data set by user input data for improved accuracy.