

Project Design Phase-I Proposed Solution Template

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 regular person must use cutting-edge AI-based analysing software to identify fruits and vegetables based on colour, texture, form, and other characteristics. At the time of identification, the user must also be aware of the nutritional content of that specific edible.
2.	Idea / Solution description	<p>Main Solution:</p> <ul style="list-style-type: none">• Clear and proper identification of the given input data.• Provide nutritional facts based on the obtained data.• Fitness analysis and maintenance as per the user's body conditions <p>Additional benefits:</p> <ul style="list-style-type: none">• Analysis of daily dietary requirements• Daily tracking of dietary consumption thoroughly.

3.	Novelty / Uniqueness	<ul style="list-style-type: none"> • The availability of fitness plans with add-on bonuses • Suggestion of home remedies and simple solutions for basic problems. • An individualized food plan based on health condition and deficiency. • Allowing for diet flexibility helps promote a healthy and effective eating pattern
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"> • Healthy lifestyle development • Constant calorie management monitoring results in a fitness mindset.
5.	Business Model (Revenue Model)	<ul style="list-style-type: none"> • Consultation with nearest trainers and nutritionist for personalized plans.
		<ul style="list-style-type: none"> • Adopt a specialized diet plan under the direction of an expert. • Advertise and offer nutritional supplements and fitness gear. • Promotion for fitness centers and hospitals.
6.	Scalability of the Solution	<ul style="list-style-type: none"> • Improving accuracy by expanding the data collection using user input data • Storage requirements of a specific food. • User friendly UI for everyone to use and get benefit from it.

Problem Solution Fit

Define CS, fit into CC	1. CUSTOMER SEGMENT(S) CS People who wish to stay fit and live a healthy lifestyle.	6. CUSTOMER CONSTRAINTS CC Our customers are unable to access our solution due to network issues and network faults, since there are no other limits because our solution is an application.	5. AVAILABLE SOLUTIONS AS Exercise is an existing solution. Aerobics and Yoga Pros: The aim is to develop fitness habits that lead to long-term lifestyle changes and long-term improvements in health and well-being. Cons: Time consumption is increased, and there are no adequate instructions based on the user's health situation.	Explore AS, differentiate
	2. JOBS-TO-BE-DONE / PROBLEMS J&P We provide nutritional information about the foods they eat on a daily basis. Thereby providing fitness to the masses and assisting them in staying healthy.	9. PROBLEM ROOT CAUSE RC The main cause of this problem is a lack of nutrition. Improper nutrition and a lack of regular exercise create a number of diseases, making it difficult to live a healthy life.	7. BEHAVIOUR BE Customers that have health care, dietary, or fitness concerns will be listed in the chatbox. When you first log in. Customers contribute information about their health state. A solution will be provided after an analysis of the customer's situation.	
Focus on J&P, tap into BE, understand RC	3. TRIGGERS TR The customer will be driven to utilise our application after continual advertising of our application and hearing feedback from their friends and neighbours.	10. YOUR SOLUTION SL Calories tracking is a key component in all fitness programmes that aids in illness prevention, so regular people can utilise it. The instructor displays the specific fruits calories and offers guided guidance so that the users may execute them correctly.	8. CHANNELS of BEHAVIOUR CH 8.1 ONLINE The programme is accessed by scanning the fruit and providing nutritional information. 8.2 OFFLINE The user will perform physical activities based on the nutritional information.	Extract online & offline CH of BE
Identify strong TR & EM	4. EMOTIONS: BEFORE / AFTER EM Customers would experience insecurity and poor health prior to using our application. Customers that use our application report improved health and increased self-motivation.			

project Design
Phase-I Solution
Architecture

