

Project Design Phase - I

Problem Solution Fit

Date	30 September 2022
Team ID	PNT2022TMID30138
Project Name	Nutrition Assistant Application
Maximum Marks	

Problem-Solution Fit canvas

Purpose / Vision

Version:

Define CS, fit into CL	1. CUSTOMER SEGMENT(S) CS Fitness trainers, Gym people, Diabetic patients, Developers and Common people	6. CUSTOMER LIMITATIONS CL <small>EG. BUDGET, DEVICES</small> Not knowing to track properly Cannot predict the ingredients	5. AVAILABLE SOLUTIONS AS <small>PROS & CONS</small> Various applications have been developed to track the calories in food. They track only the calories not the ingredients	Explore AS, differentiate
	2. PROBLEMS / PAINS PR <small>+ ITS FREQUENCY</small> High/low calorie consumption No proper guidance about nutrition	9. PROBLEM ROOT / CAUSE RC Lack of awareness about ingredients which is present in the food and it's calories Not knowing proper nutritional information about the food leads to many health diseases	7. BEHAVIOR BE <small>+ ITS INTENSITY</small> Get guidance from experts Search for healthy foods	
Identify strong TR & EM	3. TRIGGERS TO ACT TR Finding it complicated to regularly track food intake in a busy life schedule	10. YOUR SOLUTION SL This project aims at building a web App that automatically estimates food attributes such as ingredients and nutritional value by classifying the input image of food. Our method employs Clarifai's AI-Driven Food Detection Model for accurate food identification and Food API's to give the nutritional value of the identified food.	8. CHANNELS of BEHAVIOR CH ONLINE Social Media, Blogs	Extract online & offline CH of BE
	4. EMOTIONS EM <small>BEFORE / AFTER</small> Before - Confused, Unsatisfied After - Satisfied, Energetic		OFFLINE Family and Friends, Colleagues	



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