

Project Design Phase-I – Problem Solution Fit

Project Title: AI-powered Nutrition Analyzer for Fitness Enthusiasts

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Define CS, fit into CC	<div><div><div>1. CUSTOMER SEGMENT(S)</div><div>Who is your customer? Our customers are the people who are looking forward to have a nutrition analyzer l</div><div>CS</div></div></div>	<div><div><div>6. CUSTOMER CONSTRAINTS</div><div>What constraints prevent your customers from taking action or limit their choices of solutions? i.e. spending power, budget, no cash, network connection, available devices. The Main thing is customers are always eager to know to go with the easy path. So, for them analyzer and its techniques are always hidden which may prevent them from having a knowledge in that</div><div></div></div></div>	<div><div><div>5. AVAILABLE SOLUTIONS</div><div>Which solutions are available to the customers when they face the problem They can just upload the image of any random food, our algorithm which is already trained will have some trained data set and with the help of the trained datasets we will able to help the customers about the nutritious facts.</div><div>AS</div></div></div>	Explore AS, differentiate
Focus on J&P, tap into BE, understand RC	<div><div><div>2. JOBS-TO-BE-DONE / PROBLEMS</div><div>Huge amount of different forms of data to be examined trained and tested before hosting it as an API for the customers to make that in easy way for analyzing the nutritious diet.</div><div></div></div></div>	<div><div><div>9. PROBLEM ROOT CAUSE</div><div>The main problem is customers always expect things to happen so quickly so with their approach we need to develop model according to the customer feedback</div><div>RC</div></div></div>	<div><div><div>7. BEHAVIOUR</div><div>What does your customer do to address the problem and get the job done? Customer has to report their experience in using our API, they have full rights to giver feedback which may be positive or negative.</div><div>BE</div></div></div>	Focus on J&P, tap into BE, understand RC

3. TRIGGERS

TR

What triggers customers to act?

The challenges they have to overcome the food intake and to have proper knowledge about classifying the food they have according to the diet plans are the main challenges for the customers as well as the trainers.

4. EMOTIONS: BEFORE / AFTER

EM

How do customers feel when they face a problem or a job and afterwards?

Artificial intelligence (AI) can be used to predict investment outcomes quickly and effectively, as well as to devise strategies or establish long-term goals. Scalable AI pertains to how data models, infrastructures, and algorithms can increase or decrease their complexity, speed, or size at scale in order to best handle the requirements of the situation at hand. As improvements continue with data storage capacities as well as computing resources, AI models can be created with billions of parameters. Scaling up nutrition is a global push for action and investment to improve maternal, child nutrition and various health problems. So customers can find it more easier to have an api .

10. YOUR SOLUTION

SL

The main aim of the project is to build a model which is used for identifying the fruit depends on the different characteristics like color, shape, texture etc., using image processing. Here the user can capture the images of different fruits and then the image will be analyzed with the trained model. The model analyses the image and lists out the nutrients present in the fruit like sugar, vitamins, minerals, protein etc.

8. CHANNELS of BEHAVIOUR

CH

8.1 ONLINE

Feedback is enough

8.2 OFFLINE

Feedback is enough