Project Title: AI-powered Nutrition Analyzer for Fitness Enthusiasts

Project Design Phase-I - Solution Fit

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Define CS, fit into CC

1. CUSTOMER SEGMENT(S)

CS

Who is your customer?
Our customers are the people who are looking forward to have a nutrition analyzer l

6. CUSTOMER CONSTRAINTS

CC

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

5. AVAILABLE SOLUTIONS

AS

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

Explore AS, differentiate

Focus on J&P, tap into BE, understand

2. JOBS-TO-BE-DONE / PROBLEMS

Huge amount of different forms of data to be

9. PROBLEM ROOT CAUSE

RC

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

7. BEHAVIOUR

BE

What does your customer do to address the problem

Focus on J&P, tap into BE, understand

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 colour, shape, texture etc using image processing. Here the user can capture the images of different fruits and then the image will be analysed 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