Project Title: AI-powered Nutrition analyzer for Fitness Enthusiasts

Project Design Phase-I -Problem Solution Fit

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Define CS, fit into CC

Explore AS, differentiate

Focus on J&P, tap into BE, understand RC

1. CUSTOMER SEGMENT(S) `CS`

People who are concerned about their health and wants to maintain a balanced diet are our customers.

6. CUSTOMER CONSTRAINTS `CC`

Every people cannot afford money in fitness centres inorder to get fit and healthy.

5. AVAILABLE SOLUTIONS `AS`

Pluses: Nutritional analyzer detect the food's nutritional value like vitamins, protein, fat, carbohydrates etc which makes the people to eat healthy.

Minuses: Variability in the composition of foods ; partial or limited coverage of food items ;partial or limited coverage of nutrients; inappropriate database or food composition values ; errors arising in database use.

2. PROBLEMS / PAINS `J&P`

Due to improper guidance for the conservation of food peoples do not get enough knowledge about balanced eating habits and they face health and confident issues.

9. PROBLEM ROOT CAUSE `RC`

Junk foods and improper balance of nutrients in food causes health issues to human. It leads to malnutrition,frequent illness, obesity etc.,

7. BEHAVIOUR `BE`

The sum of all planned , spontaneous ,or habitual actions of individuals or social groups to procure , prepare, and consume food as well as those actions related to storage and clearance.

3. TRIGGERS TR

Because of the problem of nutritional deficiency and obesity thereby people getting suggestions from nutritional and fitness experts.

4. EMOTIONS: BEFORE / AFTER EM

Before solving this problem they get depressed and worried about their health.

After solving the problem by using our solution people get stick into a healthy diet and setting them up for an overall happier outlook and improved ability to focus.

10. YOUR SOLUTION SL

The implementation of our solution helps people to understand their eating habits and maintain a healthy diet. With the help of Artificial Intelligence in powered nutrition analyzer and fitness enthusiasts we can understand the nutritional information calculated includes everything from calories to vitamins and minerals, also provides information about processing, quality control and contamination of food to stay fit and healthy.

8. CHANNELS of BEHAVIOUR CH

Online:
It allows analysis software to detect nutritional contents without physical contact.

Offline:
Traditional methods of nutritional therapy can be done via offline.