# **Problem-Solution fit** canvas 2.0

# AI-POWERED NUTRITIONAL ANALYZER FOR FITNESS ENTHUSIASTS

# 1. CUSTOMER SEGMENT(S)

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fit into

Si

CS

A health conscious person or a fitness enthusiast or a person who wants a healthy diet to enhance his/her fitness.

A nutrient deficient person, etc... .

#### **6. CUSTOMER CONSTRAINTS**

CC

Eating junk foods as a snack

Healthy foods or snacks are very costly compared to fast foods or sometimes healthy foods are less delicious

Or if a health conscious person doesn't have proper diet plan or guide, etc... .

## 5. AVAILABLE SOLUTIONS

AS

Consulting a nutritionist. Doing exercise and going to gym. Taking vitamin and calcium pills.

The above solutions are very costly and time consuming.

The user should spend some money and time on them.

## 2. PROBLEMS / PAINS

J&P

Need for the nutritional data present in the food, fruit or vegetables.

Because we daily eating foods without knowing the nutritional content present in it.

And the user needs the over nutritional content present in the fruit or vegetables

#### 9. PROBLEM ROOT CAUSE

RC

Lack of awareness in the food in take.

Increasing fast food consumption.

There is no application to detect the exact nutrition present in the food.

High cost for paying nutritional analyst.

## 7. BEHAVIOUR

BE

The people started to worry about their health conditions.

High Depression due to their health. People trying to rectify the problem without knowing the correct path.

Using many harmful products without knowing their effects, etc....

Search through the internet.

Asking with friends or discussing with friends

#### 3. TRIGGERS

TR

If a friend or a colleague is installing the fitness app then he/she also try to install and follow the routine to be fit and eat healthy foods.

## 4. EMOTIONS: BEFORE / AFTER

EM

Before the nutritional analyzer people has no idea about their diet.

After the nutritional analyzer people, were

After the nutritional analyzer people were aware about their diet.

#### 10. YOUR SOLUTION

SL

The app takes an image of the fruit or vegetable and recognize the name using the DL model made of CNN and recognize the name of the fruit or a vegetable and search through the internet for the nutrient present in the fruit and it will display the exact nutrient present in it.

#### 8. CHANNELS of BEHAVIOUR

8.1 ONLINE

User browse through the internet.

Search for the good product.

8.2 OFFLINE

User directly inquire the product users and confirm whether the product is good or not.

EM

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Identify strong



**Extract online & offline CH of BE** 

Focus on J&P, tap