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| **Date** | **19th September 2022** |
| **Team ID** | **PNT2022TMID00728** |
| **Project Name** | **AI-powered Nutrition Analyzer for Fitness Enthusiasts** |

## 1. CUSTOMER SEGMENT(S)

Who is your customers?

Fitness Enthusiasts

## 5. AVAILABLE SOLUTIONS

Manual Research
Word-Of-Mouth Advice

## 8. CHANNELS OF BEHAVIOUR

**ONLINE:** Users can capture the image of different fruits and then the image will be sent the trained model.

**OFFLINE:** Fitness Enthusiasts can use this to maintain a healthy diet.

## 2. JOBS TO BE DONE

Nutritional analysis is the process of determining the nutritional content of food. It is a vital part of analytical chemistry that provides information about the chemical composition, processing, quality control and contamination of food.

## 6. CUSTOMER CONSTRAINTS

Customer choices are limited to only fruits.

## 9. PROBLEM ROOT CAUSE

Food is essential for human life and has been the concern of many healthcare conventions. Even though Fitness Enthusiasts wants to maintain a healthy diet. But they can't Track nutrition of every food on their own.

## 3. TRIGGERS

Fitness Enthusiasts can't Track nutrition of every food on their own.

## 4. EMOTIONS:

**BEFORE: Frustration**, Because Users can't research each and every food item on their own.

**AFTER: Satisfaction**, Because They can use our application to do that.

## 7. BEHAVIOUR

Users can capture the image of different fruits and then the image will be sent the trained model. The model analyses the image and detect the nutrition based on the fruits like (Sugar, Fibre, Protein, Calories, etc.).

## 5. YOUR SOLUTION

Using A.I. to implement a system that tracks nutritional values of fruits specifically from a visual input.