Define CS, fit into CC

1. CUSTOMER SEGMENT(S)   **CS**

Who is your customer?

Fitness enthusiasts and people who are concerned about their health are customers. The target market for the application includes those who need a way to monitor their dietary intake, such as athletes and sportspeople, people employed in the entertainment business, and those who generally want to lead healthy lives.

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

1. inadequate or incorrect information regarding the nutritional values of foods.

2. only considering adopting a healthy lifestyle but doing nothing.

3. lacking a personal assistant to keep track of their regular dietary intake.

5. AVAILABLE SOLUTIONS   **AS**

Which solutions are available to the customers when they face the problem

1. Applications that monitor exercise and calorie expenditure, These don't monitor calorie intake, thus there is no intake control, which is also crucial.
2. Personal trainers and nutritionists that are expensive
3. Personalized diet programmes
4. Push notification systems and remainders

Explore AS, differentiate

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

2. JOBS-TO-BE-DONE / PROBLEMS   **J&P**

Which jobs-to-be-done (or problems) do you address for your customers? There could be more than one; explore different sides.

1.Users can take pictures of various fruits, which are then delivered to the trained model. The model examines the image and finds several nutrients present in the fruits, including sugar, fibre, protein, and calories.

2.keeping track of user consumption to analyse nutrition and general health.

3.limiting consumption to the recommended level to maintain a balanced diet.

9. PROBLEM ROOT CAUSE   **RC**

1. Many people nowadays believe that all they need to do to keep healthy is to eat enough fruits and vegetables. However, if you are not absorbing the nutrients you are ingesting, deficiency will occur. People don't place as much significance on monitoring their nutritional intake since they believe it to be a time-consuming and difficult task.
2. Lack of professional training regular people do not have access to information about how athletes and sports personalities train for their fitness
3. Tight schedules and expensive gym memberships

7. BEHAVIOUR   **BE**

What does your customer do to address the problem and get the job done?
i.e. directly related: find the right solar panel installer, calculate usage and benefits; indirectly associated: customers spend free time on volunteering work (i.e. Greenpeace)

1. possess a programme to monitor their daily nutritional values
2. Get regular and sufficient rest.
3. Have a diet that is precisely balanced.

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

Identify strong TR & EM

3. TRIGGERS   **TR**

Some people are very concerned with their physical fitness and become disease-free, which tempts other people to become similarly healthy and fit. Awareness among people to take care of their physical health is also rising. Peer pressure and societal beauty standards are two key triggers.

10. YOUR SOLUTION   **SL**

If you are working on an existing business, write down your current solution first, fill in the canvas, and check how much it fits reality.
If you are working on a new business proposition, then keep it blank until you fill in the canvas and come up with a solution that fits within customer limitations, solves a problem and matches customer behaviour.

The development of a web application that allows users to track, monitor, and manage their health includes the classification of fruits using an algorithm based on convolution neural networks. In this case, we train a neural network to recognise fruits using a high-quality, fruit-containing image dataset.

8. CHANNELS of BEHAVIOR   **CH**

8.1 ONLINE
What kind of actions do customers take online? Extract online channels from #7

An enormous amount of data is required for a person to live a healthy life. Anyone can organize the information and use it daily, but it requires time and patience. A fitness analyzer keeps track of the goals of the person.

8.2 OFFLINE
What kind of actions do customers take offline? Extract offline channels from #7 and use them for customer development.

People might see a doctor or an accomplished gym trainer if they are interested in keeping their physical appearance and caring for their health.

Identify strong TR & EM

4. EMOTIONS: BEFORE / AFTER   EM

Emotions Before:

they lack the fitness and wellness necessary for living a healthy lifestyle, they eat more junk food.

Emotions After:

Users can maintain and can improve their body