# Ideation Phase

## Define Problem Statement

| Date | 27 September 2022 |
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| Team ID | PNT2022TMID32819 |
| Project Name | AI-POWERED NUTRITION ANALYZER FOR FITNESS ENTHUSIASTS |

AI powered Nutrition Analyzer for Fitness Enthusiasts



| I am | I'm trying to | But | Because | Which makes me feel |
|---|---|---|---|---|
| A person | I am trying to follow nutritious diet | It is difficult to analyse various nutrients in food | Each fruit has its own nutrients and benefits and takes a huge amount of time | Exhausted |
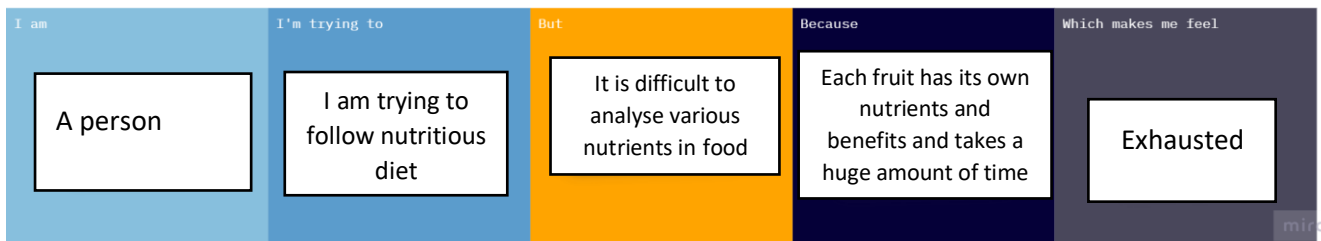
## I am :

In our current society, students are considerably unfit and inactive. If these issues continued in the foreseeable future, there will be serious health issues that would be of concern to society. Our goal is to provide awareness about staying healthy and to maintain the nutrition and calorie level of the society by analysing the nutrients in the food to stay fit.

## I'm trying to:

The main aim of the project is to building a model which is used for classifying the fruit depends on the different characteristics like colour, shape, texture etc. Here the user can capture the images 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).

## BUT:

For analysis of nutrients in the food will take some time.

## Because:

Nowadays, most people follow a sedentary lifestyle which makes them lazy and inactive. The causes for this are longer working desk job and unhealthy eating habits like fast food, fired snacks. To attain their regular nutrients people are turning to crazy expensive supplements that hardly ever work.

## Which makes me feel:

Anxiety,exhausted.