AI-Powered Nutrition Analyzer For Fitness Enthusiasts

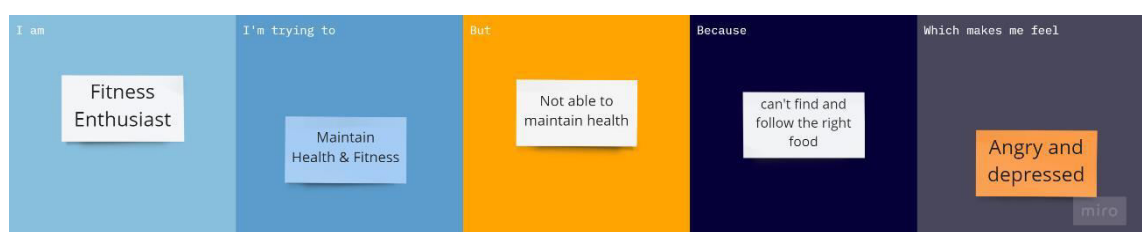## Ideation Phase
Define the Problem Statements

Customer Problem Statement:

Food is vital to human existence and has been a topic of discussion at several medical meetings. These days, additional chances exist to assist people in understanding their daily eating habits, examining nutrition patterns, and maintaining a balanced diet thanks to new dietary evaluation and nutrition analysis technologies. The technique of figuring out a food's nutritional makeup is called nutritional analysis. It is an essential component of analytical chemistry that offers details on the chemical makeup, processing, quality assurance, and contamination of food. Building a model that can be used to categorize fruits according to their many attributes, such as color, shape, and texture, is the project's major goal. Here, users may take pictures of various fruits, and the pictures will subsequently be transmitted to a trained model. The model examines the image and determines the nutrients based on fruits such as (Sugar, Fiber, Protein, Calories, etc.)

I am	Describe customer with 3-4 key characteristics - *who are they?*	Describe the customer and their attributes here
I'm trying to	*List their outcome or "job" the care about - what are they trying to achieve?*	List the thing they are trying to achieve here
but	Describe what problems or barriers stand in the way – *what bothers them most?*	Describe the problems or barriers that get in the way here
because	Enter the "root cause" of why the problem or barrier exists – *what needs to be solved?*	Describe the reason the problems or barriers exist
which makes me feel	Describe the emotions from the customer's point of view – *how does it impact them emotionally?*	Describe the emotions the result from experiencing the problems or barriers

Reference:

https://miro.com/app/board/uXjVPRGMeak=/

I am	I'm trying to	But	Because	Which makes me feel
Fitness Enthusiast	Maintain Health & Fitness	Not able to maintain health	can't find and follow the right food	Angry and depressed

Example:

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Fitness Advices	Maintain Fitness and Health	Not able to maintain the health	Can't find and follow the right food	Angry and depressed
PS-2	Food recommendation	Analyze the food quality	It leads to complex on manual process	It takes more time and inaccuracy	Health issues