

## Ideation Phase

### Brainstorm & Idea Prioritization

### Template

Date	16 October 2022
Team ID	PNT2022TMID18537
Project Name	Project - Nutrition Assistant Application
Maximum Marks	4 Marks

#### Brainstorm & Idea Prioritization Template:


Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich amount of creative solutions.

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

Reference: <https://www.mural.co/templates/empathy-map-canvas>

#### Step-1: Team Gathering, Collaboration and Select the Problem Statement


Nutrition Assistant Application



## Brainstorm & idea prioritization

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

⌚ 10 minutes to prepare  
🕒 1 hour to collaborate  
👤 2-8 people recommended



### Before you collaborate

A little bit of preparation goes a long way with this session. Here's what you need to do to get going.

⌚ 10 minutes

A

Team gathering

Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.

B

Set the goal

Think about the problem you'll be focusing on solving in the brainstorming session.

C

Learn how to use the facilitation tools

Use the Facilitation Superpowers to run a happy and productive session.

Open article →

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Define your problem statement

What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm.

⌚ 5 minutes

PROBLEM

Nutrition Assistant project aims at building a web App that automatically estimates food attributes such as ingredients and nutritional value by classifying the input image of food. Our method employs Clarifai's AI-Driven Food Detection Model for accurate food identification and Food API's to give the nutritional value of the identified food.



### Key rules of brainstorming

To run a smooth and productive session

⌚ Stay in topic.

💡 Encourage wild ideas.

⌚ Defer judgment.

👂 Listen to others.

🗣️ Go for volume.

👁️ If possible, be visual.

## Step-2: Brainstorm, Idea Listing and Grouping

### Brainstorm

Write down any ideas that come to mind that address your problem statement.

10 minutes

**TIP**  
You can select a sticky note and hit the pencil icon to start drawing!

#### Team lead: Akash V

- User interacts with the Web App to Load an image.
- Customized and easy to access interface.
- The user can add his recipes or get recipes using the API.
- The System securely receives user's input to generate a diet plan and provides the system will help him in following it.

#### Team member 2: Jayasunder V

- Counseling for disease oriented diet plans like Ketogenic diet.
- Suggest diet plans.
- Calorie counter for selected food item.
- Alternative dish with required calories.

#### Team member 1: Arjharan A.M

- The System also allows the user to make a diet plan and remind him his food timings.
- The user can get alerts about a number of nutrients, vitamins, etc of a fruit or vegetable.
- Individual chat rooms with options of fixing appointments for counselling.
- Options of capturing data from counselling session for future references.

#### Team member 3: Karuppalah A

- Calorie values of more than 1000 International and Indian cuisines.
- Interesting notes on selected food items.
- Recorded health history.
- User panel calories for selected food item.

### Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you can break it up into smaller sub-groups.

20 minutes

#### Prediction and analysis

Predicting the number of nutrients and vitamins in the food item uploaded by the user.

Providing the best diet plans and reminds the user about his food timings.

#### Services

Individual chat rooms with options of fixing appointments for counselling.

24\*7 customer care service.

#### Features

Calorie values of more than 1000 International and Indian cuisines.

Calorie counter for selected food item and suggest diet plans.

#### Management

Customer feedback system management.

Calorie management system that provides a calorie counter for selected food items.

## Step-3: Idea Prioritization

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## Prioritize

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

20 minutes

