

## Ideation Phase

### Brainstorm & Idea Prioritization Template


Date	13 September 2022
Team ID	PNT2022TMID17830
Project Name	Deep Learning Fundus Image Analysis for Early Detection of Diabetic Retinopathy
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.

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

In this initial step all the team mates are gathered in the working platform of mural brainstorming. So the problem statement is understood previously in empathy map. Now brainstorming gives the feasible and ideal solutions that can be provided to avoid the disease. After gathering the members, each members are asked to propose a solution that they come across and give it's brief description at the upcoming slides.



### 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

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**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.

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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

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PROBLEM

How might we [your problem statement]?



#### Key rules of brainstorming

To run an 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

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### 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!

#### Santhosh

Quit alcohol intake	Lowering blood sugar	Avoid of carbohydrates and sweets
Reduce once usage of painkillers	Avoid of VEGF drugs	Drink enough water
Exercise when indulging activities	Monitoring finger tension	Treatment of glycemia

#### Sathish

Perform eye exam	Good glucose control	Stop smoking
Wear protective eye wear	Lower protein consumption	Keep blood pressure in target range
Monitor your cholesterol level	Take omega-3 fatty acids	Treatment with experienced doctor

#### Pugalenthil

Lubricate the eyes	Stop rubbing eyes if it itches	Avoid allergens
Use food elements as natural insulin	Manage diabetes and heart disease	Avoid prolonged use of medications
Get healthy early vegetables, citrus foods	Proper stress or fatty acids	Drinking water

#### Raj Kumar

Reduce eating processed foods	Get good sleep	Avoid mental stress
ASMR eye surgery	Do not exercise daily	Use safe laser treatment for retina
Use non-toxic and natural eye drops	Wash for skin allergies	Stop eating too much meat

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### 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

#### Foods

Intake of vitamins	Omega-3 fatty acids	Consume fishes
Leafy vegetables	Less meat intake	Citrus foods
Drinking water	Processed foods	

#### Drugs

Stop smoking	Avoid driving	Painkillers
VEGF drugs	Protein eye drops	

#### Health

Exercise	Periodic checkup	Laser Treatment and surgery
Exercise daily	Take care of eyes	Monitor glucose and sugar
Manage stress and diabetes		

#### Insulin

Use non-toxic and natural eye drops	Sugar intake
Less usage of insulin	

## 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

