

Ideation Phase


Brainstorm & Idea Prioritization Template

Date	31 January 2025
Team ID	PNT2025TMID04206
Project Name	Vision AI
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:




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


Template



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

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


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

**Learn how to use the facilitation tools**
Use the Facilitation Superpowers to run a happy and productive session.
[Open article](#) →




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


Early detection of eye diseases like diabetic retinopathy and glaucoma is crucial to prevent vision loss. Manual analysis of retinal images is time-consuming and error-prone. The challenge is to develop an automated system that accurately detects and classifies eye diseases from medical images for timely diagnosis.





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

3

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

TIP

Add customizable tags to sticky notes to make it easier to find, browse, organize, and categorize important ideas as themes within your mural.

Group 1

Wearable Monitoring:

Develop smart glasses or contact lenses that capture real-time eye images, processed by AI for continuous disease monitoring.

Smartphone Camera Detection:

Develop an app that uses a smartphone camera to capture retinal images and diagnose eye diseases.

Group 2

Deep learning-based system :

that can analyze retinal images or other eye-related medical imagery to detect and classify various eye diseases

3D Retinal Imaging:

Use 3D retinal scans with deep learning for more detailed disease analysis, especially for glaucoma and macular degeneration.

Group 3

Multimodal Detection:

Combine retinal images with patient health data (e.g., age, diabetes) to enhance disease detection accuracy.

Disease Progression Prediction:

Build a system to predict the progression of eye diseases based on historical image data.

Group 4

Crowdsourced Labeling:

Create a platform for patients and doctors to upload and annotate eye images to improve AI training datasets.

AR-Enhanced Diagnosis:

Use augmented reality to overlay AI-generated insights onto retinal scans during exams, aiding ophthalmologists.

Step-3: Idea Prioritization

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

TIP
Participants can use their cursors to point at where sticky notes should go on the grid. The facilitator can confirm the spot by using the laser pointer holding the **H key** on the keyboard.

