# 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

# 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 and 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

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.

**Importance**

If each of these tasks could get done without any difficulty or cost, which would have the most positive impact?

Deeplearning-based system

Disease Progression Prediction

Wearable Monitoring, 3D Retinal Imaging, and Multimodal Detection

AR Enhanced Diagnosis

**Feasibility**

Regardless of their importance, which tasks are more feasible than others? (Cost, time, effort, complexity, etc.)