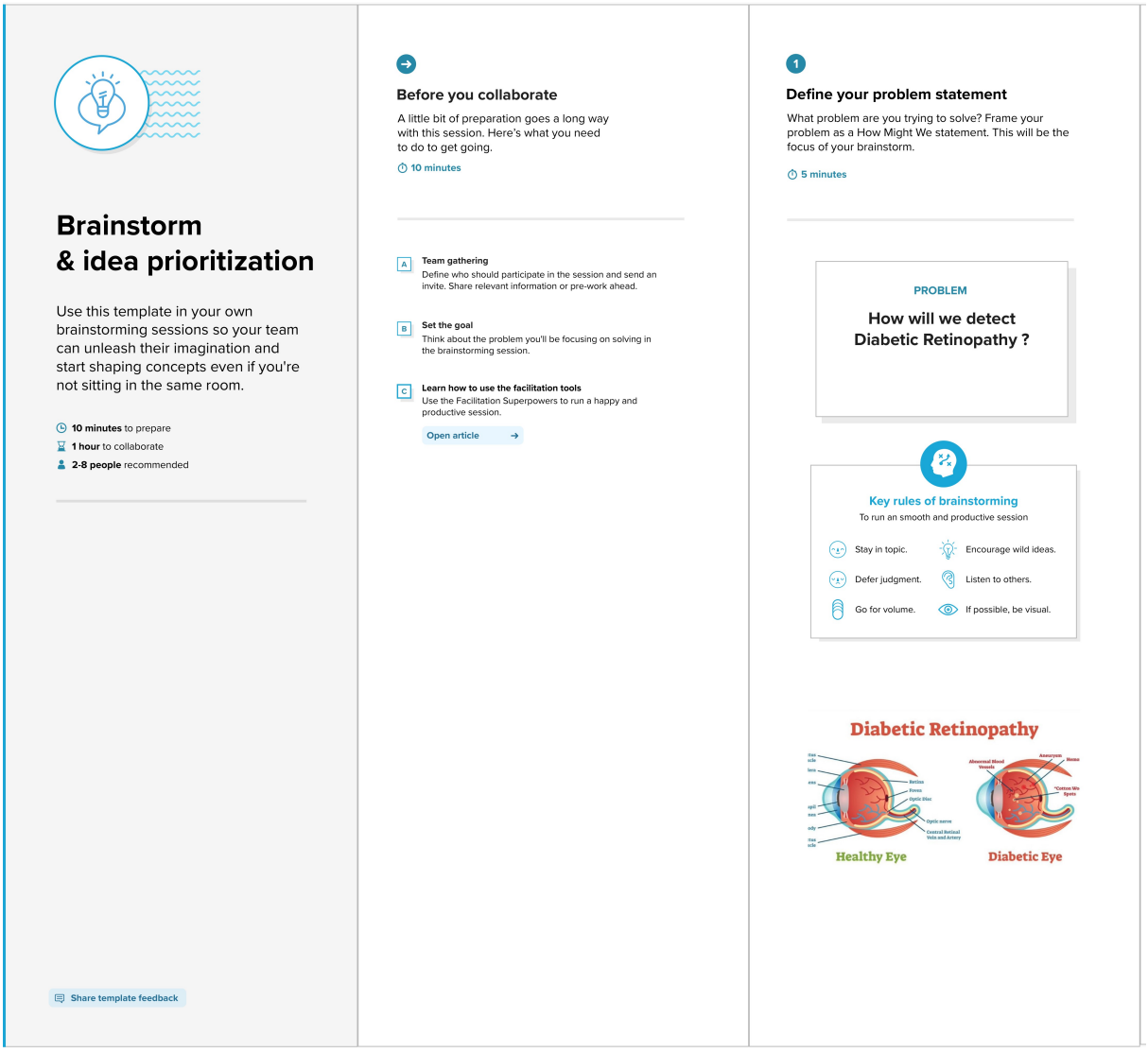
Ideation Phase

Brainstorm & Idea Prioritization Template

Date	15 October 2022
Team ID	PNT2022TMID36211
Project Name	Deep Learning Fundus Image Analysis for Detection of Diabetic Retinopathy
Maximum Mark	4 Mark

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



Step 2 : Brainstorm, Idea Listing and Grouping

2

Brainstorm

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

10 minutes

Sowmiya S

- Use Python for Creating Model
- Controlling Blood Sugar Levels
- Deep Learning Techniques are Efficient
- Symptoms Analysis is Required

Snega S

- Use Machine learning Algorithms for Detection
- Draw Conclusion from the image data
- DRS Fundus Camera can be used
- AI can be used for Diagnosing

Sowmiya R

- Laser Treatment, Surgical Treatment
- Vitrectomy Treatment Retinal Detachment
- Smart Phone Fundus Photo Graphy
- Eye Drops Lucentis, Eylea

Vigneshwaran V

- Datas Can be Collecting from Diagonosis centre
- Fundus Eye Capture for Diabetic Patient
- Can use Python Language
- Data Collection for Early Detection

3

Group ideas

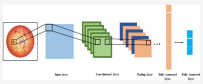
Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you and break it up into smaller sub-groups.

20 minutes

Language

- Can use C++ Language
- Use Python for Model
- Python is Easy to Develop

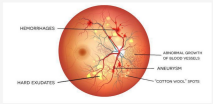
Techniques



- Use Machine Learning Algorithms for Detection
- Analyzing Pattern of Symptoms among Diabetic Patients
- Deep Learning Techniques are Efficient

Images

- Draw Conclusion from the image Data
- Examine fundus Images for Finding Linearity
- DRS Fundus Camera can be Used



Work needs to be done

- Serious Eye Conditions Needs Immediate Treatment
- Close Examination of Diabetic Patient

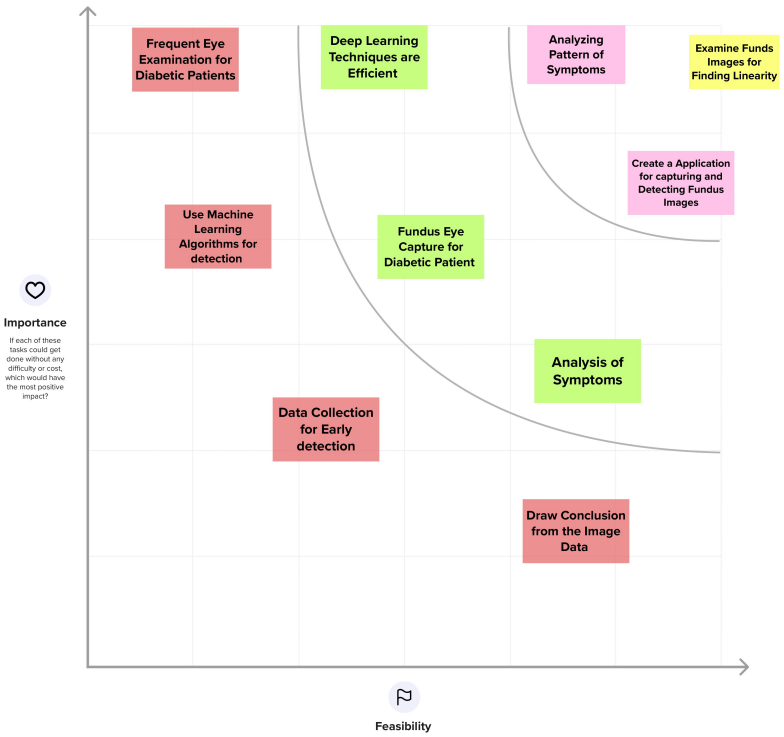
Step 3 : Idea Prioritization

4

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



After you collaborate

You can export the mural as an image or pdf to share with members of your company who might find it helpful.

Quick add-ons

A **Share the mural**
Share a view link to the mural with stakeholders to keep them in the loop about the outcomes of the session.

B **Export the mural**
Export a copy of the mural as a PNG or PDF to attach to emails, include in slides, or save in your drive.

Keep moving forward

Strategy blueprint
Define the components of a new idea or strategy.
Open the template →

Customer experience journey map
Understand customer needs, motivations, and obstacles for an experience.
Open the template →

Strengths, weaknesses, opportunities & threats
Identify strengths, weaknesses, opportunities, and threats (SWOT) to develop a plan.
Open the template →

Share template feedback