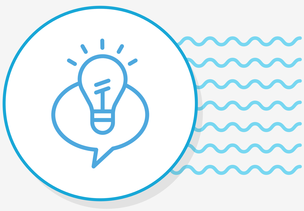
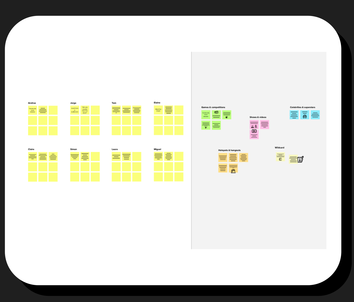
Template



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



Need some inspiration?

See a finished version of this template to kickstart your work.

Open example →

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**

Anagha Burli
Stuti Kothari
Prajwal Gupta
Love Chauhan

B **Set the goal**

To develop a deep learning model for accurate prediction of eye diseases using medical images, aiding early diagnosis and improving patient outcomes.

C **Learn how to use the facilitation tools**

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

Open article →

1

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

How can we design a deep learning model that effectively forecasts eye diseases from medical images, leading to early diagnosis and enhanced patient outcomes?

Key rules of brainstorming

To run an smooth and productive session

- Stay in topic.
- Defer judgment.
- Go for volume.
- Encourage wild ideas.
- Listen to others.
- If possible, be visual.

2

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 [switch to sketch] icon to start drawing!

Anagha

Data Diversity and Annotation

Threshold Selection and Clinical Validation

Long-Term Monitoring

Data Pipeline Optimization

Stuti

User and Patient Feedback

Data Split (eg-70-15-15 or 80-10-10 split)

Optimization Algorithm

AUC-ROC Curve

Prajwal

Health Checks and Performance Alerts

Transfer Learning

Class Imbalance Handling and Data Quality Control

Error Handling and Feedback Loop

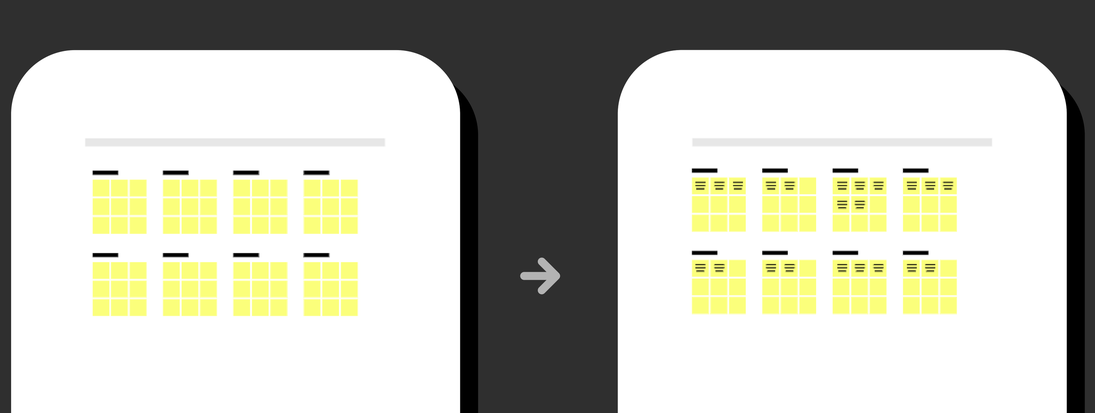
Love

Architectural Choices and Enhancements

Integration into Clinical Workflow

Feedback Integration

Data Privacy and Security



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.

Data Collection and Preprocessing

Data Diversity and Annotation

Data Split (eg-70-15-15 or 80-10-10 split)

Class Imbalance Handling and Data Quality Control

Data Privacy and Security

Deployment and Performance Evaluation

Integration into Clinical Workflow

Error Handling and Feedback Loop

AUC-ROC Curve

Threshold Selection and Clinical Validation

Model Selection and Training

Architectural Choices and Enhancements

Transfer Learning

Optimization Algorithm

Data Pipeline Optimization

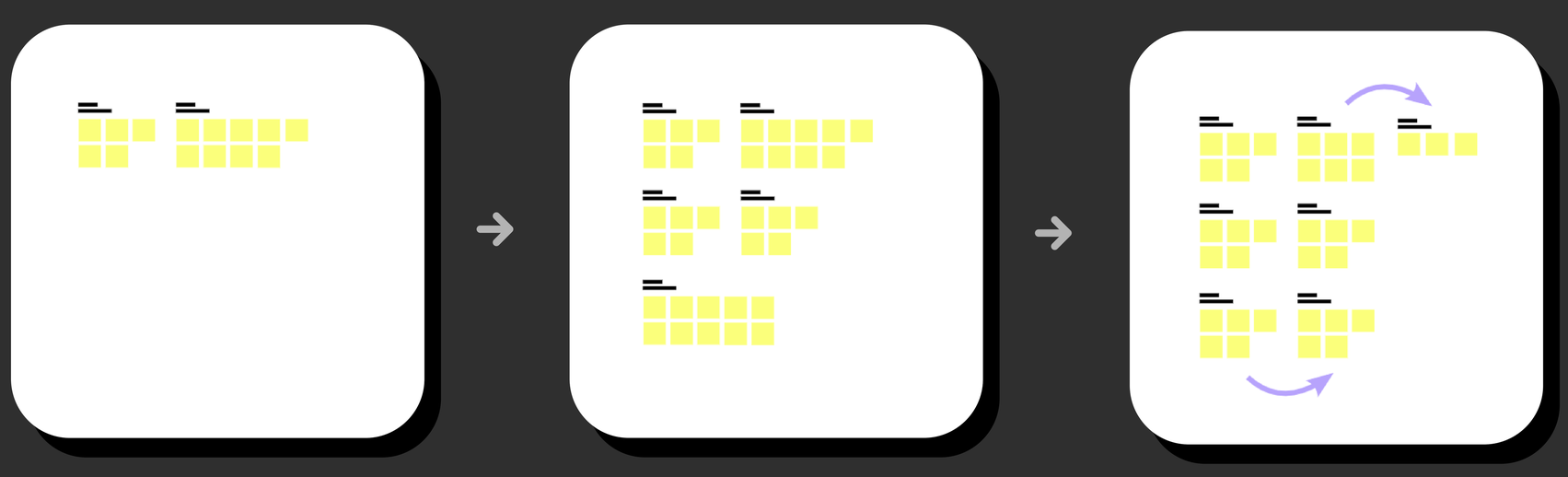
Continuous Monitoring and Feedback

Long-Term Monitoring

User and Patient Feedback

Health Checks and Performance Alerts

Feedback Integration



4

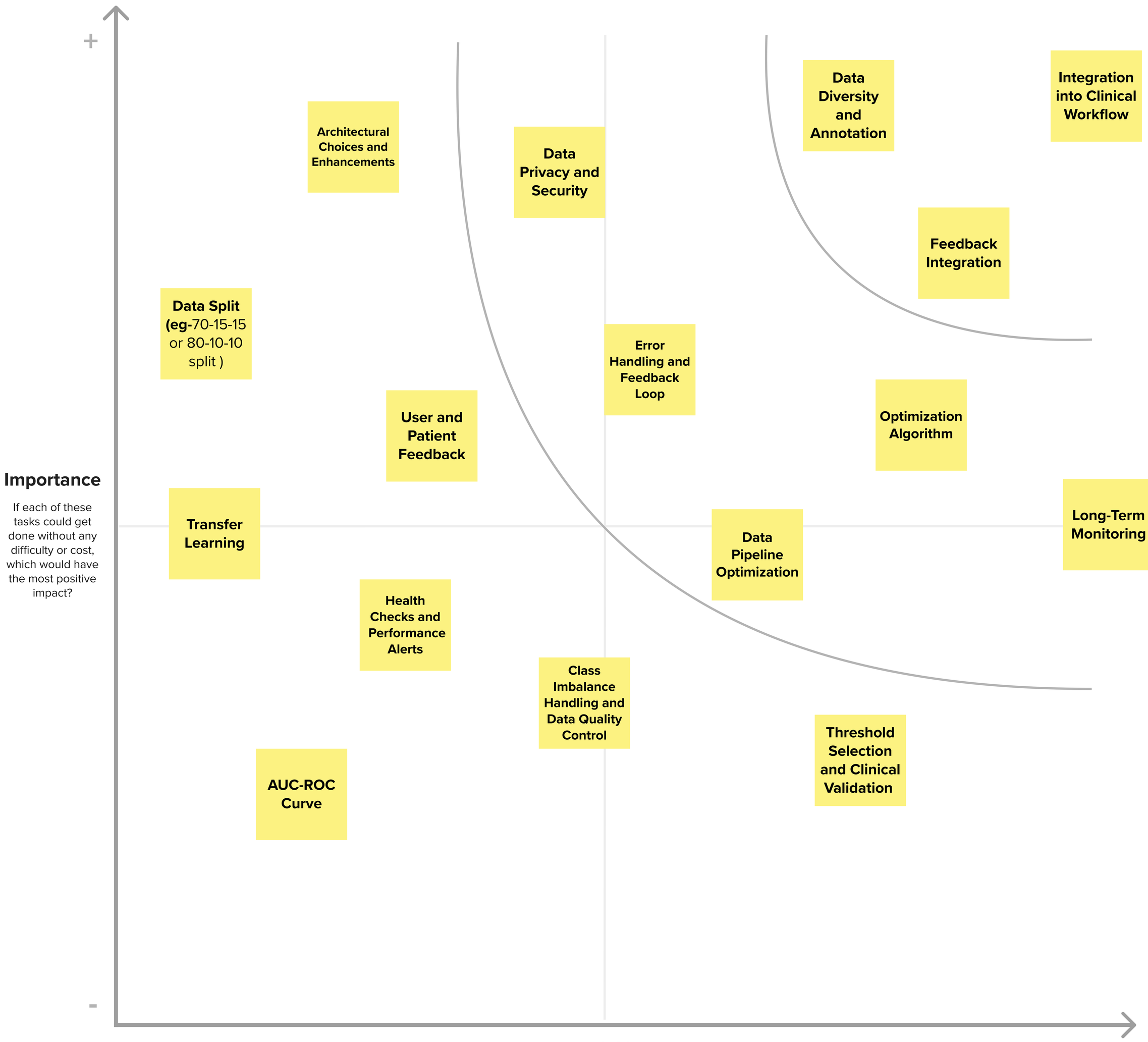
Prioritize

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

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.



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

Share the mural

https://app.mural.co/t/ok6705/m/ok6705/1699340338184/54edce94d294eb8690aab891ccb921bd88cecd67?sender=u418f00698e3aa1d4cb3c7753