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

Share template feedback

Before you collaborate

A little bit of preparation goes a long way with this session. Here's what you want to do to get going.

10 minutes

1. **Team gathering**
   Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.
2. **Set the goal**
   Think about the problem you'll be focusing on solving in the brainstorming session.
3. **Learn how to use the facilitation tools**
   Use the Miro templates to set up 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

PROMPT
How might we classify Tea Tree leaf diseases with artificial intelligence ?

Key rules of brainstorming
To unlock smooth and productive sessions

- Keep on topic.
- Encourage participation.
- Defer judgment.
- Listen to others.
- Go for volume.
- If possible, be visual.

Brainstorm

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

10 minutes

TIP
You can switch to sticky note and hit the pencil [pen] to switch back to pen drawing.

ASHIKA M

- Implement AI modeling algorithms (convolutional neural networks, transfer learning) to accurately classify tea leaf diseases from images taken by the mobile camera.
- Use the collected and labeled dataset to train the AI model, optimizing for accuracy and speed.
- Develop an user friendly mobile app that allows farmers to upload tea leaf images for disease diagnosis.

Dhanya.R.J

- Use satellite photography or drone technology to monitor large tea plantations.
- Create a portable hand held device for farmers to quickly test suspected diseased tea leaves.
- Use hyperspectral imaging to detect subtle changes in leaf color indicative of early stage diseases.

FIONA MIRABEL. I

- Create a mobile app that allows farmers to upload images of tea leaves and receive instant disease diagnoses and treatment recommendations.
- Train deep learning models on a diverse dataset of tea leaf images from various geographical regions and different stages of disease progression.
- Develop a cloud based platform for storing and managing tea leaf disease data, enabling collaboration among farmers, researchers and agronomists.

Sahaya Catharin Nivetha.J

- Use transfer learning to fine tune pre trained models on tea leaf images, leveraging knowledge from other plant disease datasets.
- Create a web based platform where farmers can upload images of diseased tea leaves for analysis.
- Analyze sensor data and satellite imagery to predict disease outbreaks based on weather patterns and historical data.

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
Use commonly used tags on sticky notes to make it easier to find, discuss and organize ideas. Learn more about tags

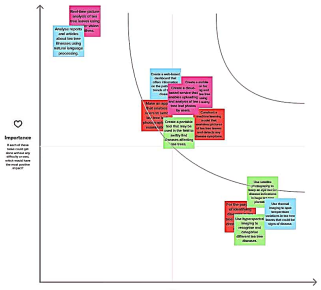
- Use satellite photography to monitor large tea plantations and gather disease information in real time.
- Use hyperspectral imaging to detect subtle changes in leaf color indicative of early stage diseases.
- Use thermal imaging to spot temperature variations in tea leaves that could be an early sign of a disease.
- Develop a mobile app that allows farmers to upload images of diseased tea leaves for instant diagnosis and treatment recommendations.
- Train deep learning models on a diverse dataset of tea leaf images from various geographical regions and different stages of disease progression.
- Create a web based platform where farmers can upload images of diseased tea leaves for analysis.
- Create a mobile app that allows farmers to upload images of tea leaves and receive instant disease diagnoses.
- Create a cloud based platform for storing and managing tea leaf disease data, enabling collaboration among farmers, researchers and agronomists.
- Create a portable hand held device for farmers to quickly test suspected diseased tea leaves.
- Develop a user friendly mobile app that allows farmers to upload images of tea leaves for disease diagnosis.
- Analyze sensor data and satellite imagery to predict disease outbreaks based on weather patterns and historical data.
- Analyze reports and articles about tea tree diseases using natural language processing.

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 something is happening on the grid. The facilitator can then ask the owner of the sticky note [pen] holding the [illegible] to explain it.



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

1. **Share the mural**
   Share a view link to the mural with stakeholders to keep them in the loop about the outcomes of the session.
2. **Export the mural**
   Export a copy of this 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 this template →
- **Customer experience journey map**
  Understand customer needs, motivations, and interactions for an experience.
  Open this template →
- **Strengths, weaknesses, opportunities & threats**
  Identify strengths, weaknesses, opportunities, and threats (SWOT), to develop a plan.
  Open this template →

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Brainstorm

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

10 minutes

TIP
You can switch to sticky view and list the parent (panel) or child (note or text shaping).

ASHIKA M

- Implement AI modeling algorithms (convolutional neural networks) for automated feature extraction from leaf images to classify diseases.
- Use the collected data to train the AI model, optimizing it for accuracy and efficiency.
- Develop an user-friendly interface for farmers to upload leaf images and receive disease diagnoses.

Dhanya R.J

- Use satellite photography to monitor large-scale disease distribution patterns.
- Create a portable leaf-scan device that can be used by farmers in remote tea estates.
- Use hyperspectral imaging to detect subtle changes in leaf color indicative of early disease.

FIONA MIRABEL. I

- Create a mobile application that allows farmers to upload images of tea leaves for disease identification, providing immediate results.
- Develop a cloud-based platform to store and analyze data from various tea plantations, enabling collaborative disease monitoring and research.
- Create a micro-scale weather station that provides hyperlocal weather data, including temperature, humidity, and rainfall, to predict disease outbreaks.

Sahaya Catharin Nivetha J

- Use transfer learning to fine-tune pre-trained models on a smaller dataset of tea leaf images with specific disease classifications.
- Create a web-based platform that allows collaboration between farmers, researchers, and agronomists.
- Analyze sensor data and satellite imagery using machine learning algorithms to predict disease outbreaks.

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
Now is a good time to hide your sticky notes to make it easier to find, move, and group together. Use keyboard shortcuts to select all sticky notes when your cursor is over the panel.

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 then move the sticky notes on the lower panel holding the Alt key on the keyboard.

Importance
A scale of those that matter the most to those that matter the least. Which impact have the greatest impact?

Feasibility
Regardless of their importance, which tasks are the most feasible than others? (Cost, time, effort, complexity, etc)

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