



Fertilizer Recomentation System for Disease Prediction

Agriculture is the most important sector in today's life. Most plants are affected by a wide variety of bacterial and funeal diseases. Diseases on plants placed a major constraint on the production and a major threat to food security. Hence early and accurate identification of plant diseases is essential to ensure high quantity and best quality. In recent years, the numerof diseases on plants and the degree of harm caused has increased due to the variation in pathogen varieties, changes in cultivation methods, and inadequateplant protection techniques.

10 minutes to prepare
1 hour to collaborate
2-5 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



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

1

Define your problem statement

What problem are you trying to solve? Frame yo problem as a How Might We statement. This will b focus of your brainstorm.

5 minutes

PROBLEM

Identify the disease on plants using deep learning techni and to recommend the fertilizers for reducing the diseas
Provide website information for recommened fertilizer.

Key rules of brainstorming

To run an smooth and productive session

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

2

Brainstorm

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

10 minutes

ILAKIYA V

Website for Fertilizer recommendation
Identify the disease
Determining best fertilizer
Pre-trained model for image classification
Build keras image classification model
Making revolutionary changes in agriculture field

User friendly website
It reduces mam power
Smart solution to solve the problem
It simplifies the farmers work
Cost of using this application is less
They can find the diseases at early stages

SHALENE V

Deep learning based mathematical model for detecting diseases
Early detection and management of problem
Better utilization of available resources
Fertilizer Recommendation
Instant solution
Useful to people with no prior knowledge

MONIKASRI

Interactive user interface to upload images
Improves productivity
Interactive user interface to upload images
Admin can view the recommended fertilizer through gmail
It will save time
Portal for farmers

NANDHINI R

Useful to Farmers
Recommends Fertilizers
Utilizing off Resources
Simple UI
Reduces the Costr
Improves profit

TIP
You can select a sticky note and hit the pencil [switch to sketch] icon to start drawing!



Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. In the last 10 minutes, 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

Category 1

Website for Fertilizer recommendation
Identify the disease
Cost of using this application is less
Pre-trained model for image classification
Deep learning based mathematical model for detecting diseases
Build keras image classification model

Category 2

Interactive user interface to upload images
Useful to people with no prior knowledge
Portal for farmers
Interactive user interface to upload images
Making revolutionary changes in agriculture field
Early detection and management of problem

Category 3

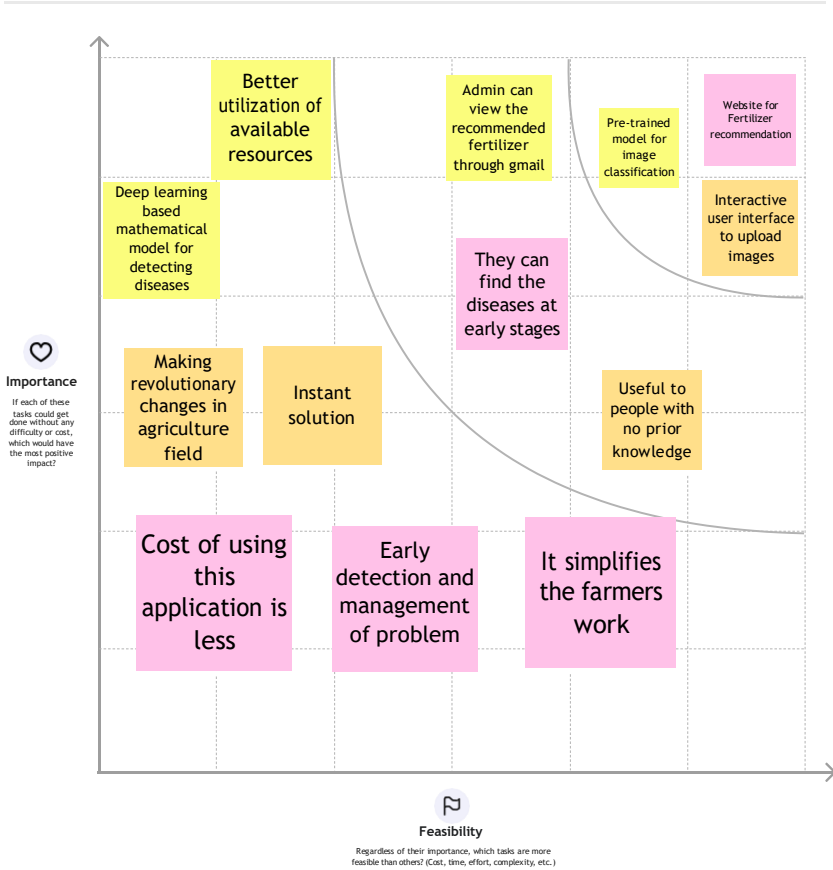
Instant solution
Admin can view the recommended fertilizer through gmail
Better utilization of available resources
They can find the diseases at early stages
Smart solution to solve the problem
Cost of using this application is less

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



Share the mural

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



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