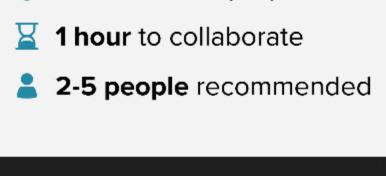
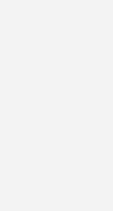
# Fertilizer Recomentation System for Disease Prediction

Agriculture is the most important sector in today's life. Most plants are affected by a wide variety of bacterial and fungal 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 number of diseases on plants and the degree of harm caused has increased due to the variation in pathogen varieties, changes in cultivation methods, and inadequate plant protection techniques.





## 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

**5** minutes

Define your problem statement

focus of your brainstorm.

What problem are you trying to solve? Frame your

problem as a How Might We statement. This will be the

**PROBLEM** 

2) People who Grow Crops and facing Issues of Plant Disease.

3) The Traditional methods of Fertilizer prediction and Disease

analysis are Expensive and takes a lot of time.

In agricultural aspects, if the plant is affected by leaf disease, then it

reduces the growth and productiveness. Generally, the plant diseases are caused by the abnormal physiological Functionalities of plants.

### 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 →

> **Key rules of brainstorming** To ru an smooth and productive session

- Stay in topic. Defer judgment.

## C Listen to others. Go for volume. On the visual.

Encourage wild ideas.

## **Brainstorm** Write down any ideas that come to mind that address your problem statement. 10 minutes

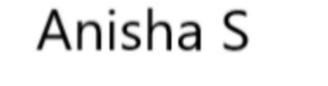
You can select a sticky note and hit the pencil [switch to sketch] icon to start drawing!

**Group ideas** 

20 minutes

to upload

images



Arshat AS

Dharankumar AS

Deep learning based mathematical model for detecting diseases

Interactive user interface to upload images

# Deeapk Kumar D

Admin can
view the
recommended
fertilizer
through gmail







view the Instant recommended solution fertilizer through gmail

They can

find the

farmers

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.

Category 1

knowledge

Smart diseases at early stages

solution to

Category 3

Admin can

# Category 2

Early changes in images

Better utilization of available

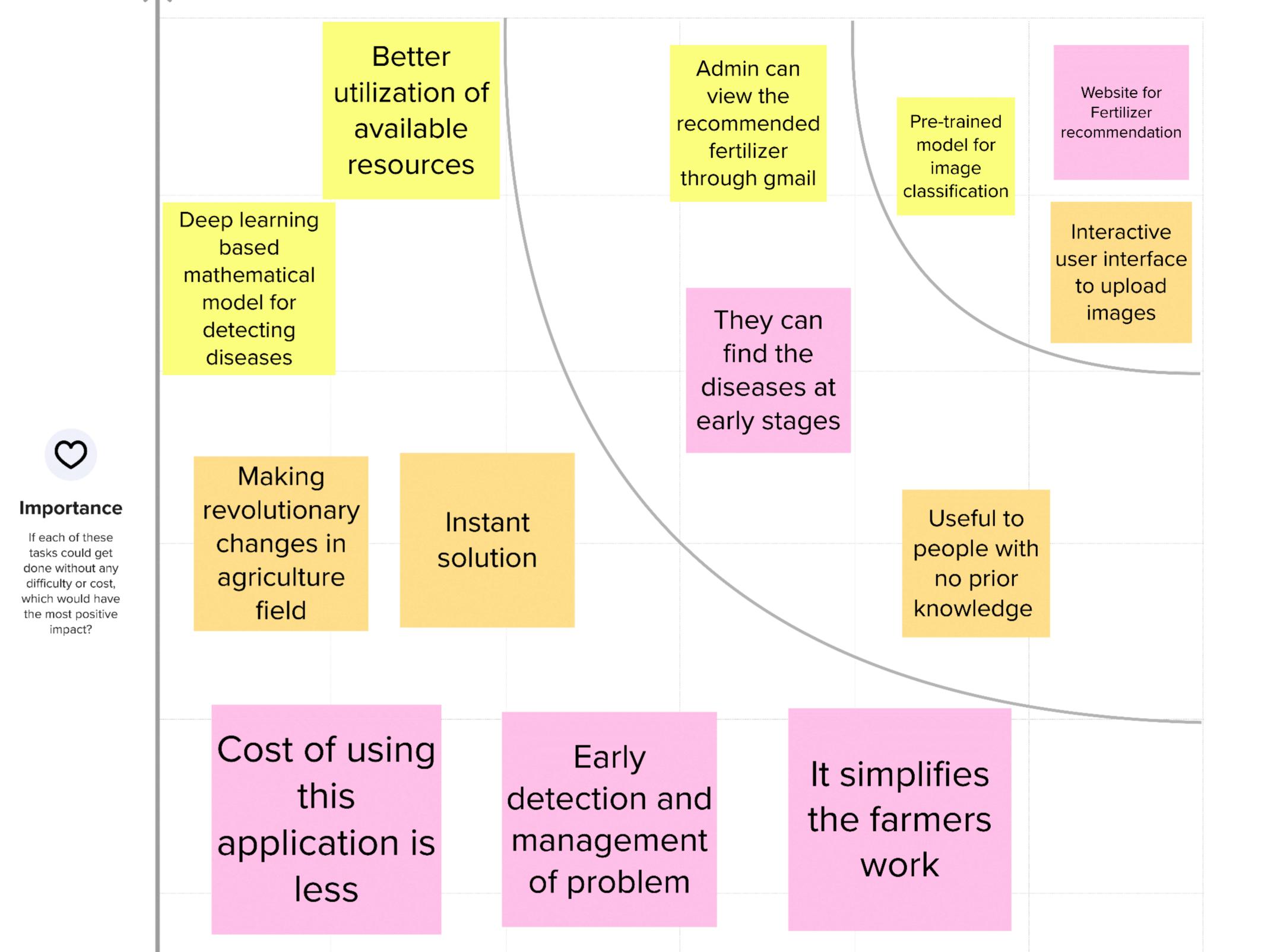
resources

Cost of using this application is less

# **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



# Regardless of their importance, which tasks are more

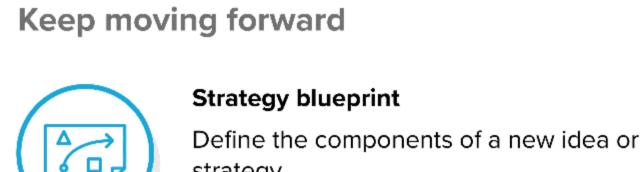
feasible than others? (Cost, time, effort, complexity, etc.)

# 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.

After you collaborate

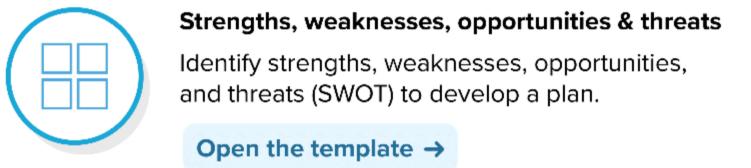
You can export the mural as an image or pdf to share with

members of your company who might find it helpful.



strategy. Open the template →





Share template feedback

Open example ->

