###### 1

**Template**

**Define your problem statement**

**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**

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

**2**

###### Brainstorm

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

**10 minutes**

###### 4

**Prioritize**

**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.

**3**

**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**

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.

**5 minutes**

**TIP**

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

**A Team gathering**

Define who should participate in the session and send an

invite. Share relevant information or pre-work ahead.

###### PROBLEM

**Sathish M Madhesh**

Determining best fertilizer

Identify the disease

Pre-trained model for image classification

Website for Fertilizer recommendation

##### Category 1 Category 2

Pre-trained Deep learning

Making revolutionary changes in agriculture field

Build keras image classification model

Website for Fertilizer recommendation

Cost of using this application is less

Identify the disease

based

#### Build keras

20 minutes

**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.

1. Identify the disease on plants using deep learning techni and to recommend the fertilizers for reducing the diseas

**Fertilizer Recommendation System for Disease Prediction**

**B Set the goal**

Think about the problem you'll be focusing on solving in

the brainstorming session.

2. Provide website information for recommened fertilizer.

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.

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

Use the Facilitation Superpowers to run a happy and

productive session.

[**Open article**](https://support.mural.co/en/articles/2113740-facilitation-superpowers)

**Key rules of brainstorming**

To run an smooth and productive session

User friendly website

###### Selvakumar

Early detection and management of problem

Deep learning based mathematical model for detecting diseases

Useful to people with no prior knowledge

It reduces mam power

Smart solution to solve the problem

It simplifies the farmers work

Cost of using this application is less

**justin jegan j**

They can find the diseases at early stages

Instant solution

Fertilizer Recommendation

### Interactive user interface to upload images

model for

### image classification

Interactive user interface to upload images

Portal for farmers

Useful to people with no prior knowledge

##### Category 3

Interactive user interface to upload images

Improves productivity

Interactive user interface to upload images

It will save time

Admin can view the recommended fertilizer through gmail

mathematical

model for detecting diseases

Making revolutionary changes in agriculture field

image

#### classification model

Early detection and management of problem

Deep learning based mathematical model for detecting diseases

## Better

utilization of available resources

**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.

Pre-trained model for image classification

Admin can view the recommended fertilizer through gmail

Website for Fertilizer recommendation

Interactive user interface to upload images

Stay in topic. Defer judgment.

Better utilization of available resources

They can find the diseases at early stages

Encourage wild i Listen to others.

###### Importance

**Keep moving forward**

**Strategy blueprint**

Define the components of a new idea or strategy.

[**Open the template**](https://app.mural.co/template/e95f612a-f72a-4772-bc48-545aaa04e0c9/984865a6-0a96-4472-a48d-47639307b3ca)

**Customer experience journey map**

Understand customer needs, motivations, and obstacles for an experience.

[**Open the template**](https://app.mural.co/template/b7114010-3a67-4d63-a51d-6f2cedc9633f/c1b465ab-57af-4624-8faf-ebb312edc0eb)

**Strengths, weaknesses, opportunities & threats**

Identify strengths, weaknesses, opportunities, and threats (SWOT) to develop a plan.

[**Open the template**](https://app.mural.co/template/6a062671-89ee-4b76-9409-2603d8b098be/ca270343-1d54-4952-9d8c-fbc303ffd0f2)

Portal for farmers

Useful to people with no prior knowledge

Making revolutionary changes in agriculture field

Instant solution

Better utilization of available resources

Admin can view the recommended fertilizer through gmail

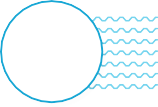
Instant solution

If each of these tasks could get

Go for volume. If possible, be vis

done without any

difficulty or cost, which would have the most positive impact?



# Early detection and management of problem

[**Share template feedback**](https://muralco.typeform.com/to/CiqaHVat?typeform-source=app.mural.co)

It simplifies the farmers work

Cost of using this application is less

Cost of using this application is less

Smart solution to solve the problem

They can find the diseases at early stages

###### Feasibility

**10 minutes** to prepare

[**1 hour** to collaborate](https://muralco.typeform.com/to/CiqaHVat?typeform-source=app.mural.co)

**2-5 people** recommended

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

**Need some inspiration?**

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

[**Open example**](https://app.mural.co/template/e5a93b7b-49f2-48c9-afd7-a635d860eba6/93f1b98d-b2d2-4695-8e85-7e9c0d2fd9b9)