A little bit of preparation goes a long way with this

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 inadequateplant protection techniques.

Before you collaborate

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

Learn how to use the facilitation tools Use the Facilitation Superpowers to run a happy and productive

Open article

Key rules of brainstorming To run an emooth and productive session

Stay in topic. Encourage wild i Defer judgment. Listen to others.

If possible, be vis

Define your problem statement

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

PROBLE

1. Identify the disease on plants using deep learning techniand to

recommend the fertilizers for reducing the diseas

2. Provide website information for recommened fertilizer.

5 minutes

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

10 minutes

Brainstorm

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

It will save

Portal for

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 biggerthan six sticky notes, try and see if you and break it up into smaller sub-groups.

20 minutes

Nivetha.K Shalipriya.G Build keras image classification model Pre-trained revolutionary changes in agriculture field model for image classification for Cost of It simplifies using this find the solution to the farmers solve the application mam power diseases at work problem is less early stages website Kavitha.V Thalapathi.G Useful to based mathematical model for detecting diseases Early de tection utilization of and

recommended fertilizer

through gmail

available

resources

user interface

to upload

images

of problem

productivity

Anusha.V

the Costr

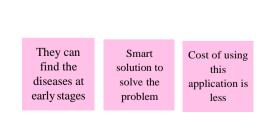
user interface to upload

images

Category 1 Website for Fertilizer recommendation Interactive user interfaceto upload images people with no prior knowledge

Deep learning Build keras Pre-trained Identify the this model for mathematical image disease application is model for classification image less detecting model classification diseases Early detection and Making Interactive management revolutionary people with user interface of problem changes in to upload no prior farmers agriculture knowledge images field Category 3 Admin can Better view the Instant utilization of recommended solution available fertilizer resources through gmail

Category 2

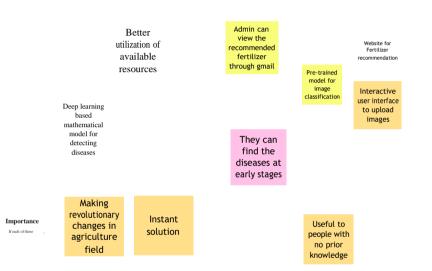


Prioritize

tasks could get done without any difficulty or cost, which would have the most positive impact?

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 andwhich are feasible.

20 minutes



Cost of using application i less

Early detection and management of problem

It simplifies the farmers work

Quick add-ons

After you collaborate

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

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

members of your company who might find it helpful.

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.

Keep moving forward

Strategy blueprint Define the components of a new idea orstrategy.

Open the template

Customerexperience 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

10 minutes to prepare

1 hour to collaborate

2-5 people recommended

