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

10 minutes
1-4 Colarborate

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.

15 minutes

Team gathering
Define who should participate in the session and send an invite.Share relevant information or pre-work ahead.

Set a goal
Think about the problem you'll be focusing on solving in the brainstorming session.

fungal diseases

Interested in learning more?
Check out the Meta Think Kit website for additional tools and resources to help your team collaborate, innovate and move ideas forward with confidence.

1 Define your problem statement

What problem are you trying to solve?Frame you problem as a How might We statement This will be focus of your brainstorm

5 minutes

Problem

1. Identify the disease on plants using deep learning techniques and to recommend the fertilizers for reducing the diseases.
2. Provide website information for recommened fertilizer

QUESTION
How might we... [insert problem statement here]?

2 Brainstorm solo

Have each participant begin in the "solo brainstorm space" by silently brainstorming Ideas and placing them into the template. This "silent-storming" avoids group-think and creates an inclusive environment for introverts and extroverts alike. Set a time limit. Encourage people to go for quantity.

10 minutes

Himanshu

Vikram

Lesslie

Enok

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

TIP
You can use the Voting session tool above to focus on the strongest ideas.

Category 2

Category 3

4 Prioritize

Your team should all have the same page about what's important moving forward. Place your ideas on the grid to determine which ideas are impactful and which are feasible

20 minutes

Importance

Better utilization of available resources

Deep learning based mathematical model for detecting diseases

Admin can view the recommended fertilizer through gmail

They can find the diseases at early stages

Making revolutionary changes in agriculture field

Instant solution

Cost of using this application is less

Early detection and management of problem

It simplifies the farmers work

Feasibility

After you collaborate

You can expand the time allotted to further explore or refine the ideas with members of your company who might find it helpful.

Check out and use:

Share the ideas
Share a new idea to the team that matches the goals to bring the most people aboard, the outcome of the session.

Prove the need
Report a copy of the issue as difficult or 100% to stakeholders, product, or tech teams, or your manager.

Recommending fertilizer

Recognition
Acknowledge the contribution of your teammates.

Continue momentum (journey map)
Document customer needs, pain points, and obstacles to their experience.

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

Open the ideation guide

Fuzzy Brain's Workbook