Ideation Phase
Brainstorm & Idea Prioritization Template

Date	17 September 2022
Team ID	PNT2022TMID30319
Project Name	Project - Fertilizers Recommendation System For Disease Prediction
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

Reference:
https://app.mural.co/invitation/mural/vickyg9846/1664038363528?sender=u424bdabf5d969745fe7f0666&key=3eace548-a8cb-4ff6-a00d-91c495ba1383

Step-1: Team Gathering, Collaboration and Select the Problem Statement

Step-2: Brainstorm, Idea Listing and Grouping

2

Brainstorm

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

⏱ 10 minutes

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

Vignesh G

- Preprocess the Input Imag
- Agriculture is the Main Part of India and Other Coutries Also
- Extract the iamges
- Using CNN model and deep learning algorithm to predict disease
- To Give Economical Solution to The Farmers

Goutham D

- If a plant leaf is found to be affected, the plant is unhealthy
- OpenCV allows our system to detect yellow spots in images that indicate fungi present in the leaf
- An image classifier that uses a neural network to detect the disease of the plants is developed
- A neural network was used instead of other forms of artificial intelligence
- In recent times, more and more farms are being automated

Prathap S

- The early detection of plant disease is crucial.
- ANN classifer is made used for classifcation
- Preprocesing and Dataset
- ML is likely to be a good option
- Farming is one of the main occupations in India

YuvaPrakash K

- The disease in crop plants affects agricultural production
- Machine learning identifies the plant is diseased or healthy
- Load all type of leaf
- The identification of disease in plants is a very tough task.
- Classify leaf images

3

Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you can break it up into smaller sub-groups.

⏱ 20 minutes

Using Of Artificial Intelligence

- We can use ai to implement the farming in modern technology
- An machine language is to good for the analysis the data set
- Collect the input samples
- AI is used for ther continuous plant monitoring

Using of CNN

- To use of CNN to predict the disease in algorithm based
- CNN of deep learning Algorithm
- Using CNN to process the Images

SVM

- It classifies the extraction Images
- It is used for classify the images and predict actual disease
- SVM classifier predict the disease and used for maching learning

Using application

- it is very economical and easy to manage
- it shows the disease and fertilizers
- In everywhere we can know the affected disease

Step-3: Idea Prioritization

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

Importance
If each of these ideas could get done without any difficulty or cost, which would have the most positive impact?

- open CV for continuous plant monitoring using AI.
- Create APP for disease prediction of plant
- Collect the input images
- After extraction the images sent to the svm classifier
- Using CNN of deep learning algorithm
- Preprocess the images
- Extract the images
- The world full of fill with modern technology except farming

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

→

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