


## Ideation Phase

### Brainstorm & Idea Prioritization

Date	19 September 2022
Team ID	PNT 2022TMID21470
Project Name	Fertilizers Recommendation System For Disease Prediction
Maximum Marks	4 Marks


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



## Brainstorm and Idea Prioritization

🕒 15 minutes to prepare  
🕒 30-60 minutes to collaborate  
👥 3-8 people recommended

Created in partnership with



1

## Defining our problem Statement

🕒 10 minutes

QUESTION

How might we predict diseases in crops and recommend a fertilizer for them?

QUESTION

How do we get the data related to each crop diseases?

QUESTION






How might we get the information related for fertilizer recommendation?

QUESTION

How will we create the final application? (web application)

QUESTION

How will we predict the values and which method will we follow?



## Step-2: Brainstorm, Idea Listing and Grouping

2

Brainstorm

10 minutes

Anandhalakshmi

Problem?

Final Product?

Objectives?

Dataset?

Technology?

Solution?

Domain?

Stack?

Web app or Mobile app?

Cathe Michline Rose

Constraints?

Who is responsible for different sections of the project (Project timeline and work allotment)?

Problem statement

Workflow?

Additional Features?

Dataset from where?

Literature survey

Reshmekaa

What is the best outcome of the project?

What is the worst outcome of the project?

Language to be used?

Jayasheelan

Who are all the stakeholders in this project?

Project timeline?

Pros?

Cons?

3

Group Ideas

15 minutes

An automated system is introduced to identify different diseases on plants by checking the symptoms shown on the leaves of the plant.

Deep learning techniques are used to identify the diseases and suggest the precautions that can be taken for those diseases.

A web Application is built where Farmers can interact with the portal build

An application that interacts with the user interface to upload images of diseased leaf

Collect different existing projects and how this project will be different from them

To build a model built analyses the Disease and suggests the farmer with fertilizers are to be used

Step-3: Idea Prioritization

