

## IDEATION PHASE


### BRAIN STORM AND IDEA PRIORITIZATION

|               |  |
|---------------|--|
| Date          | 19 September 2022  |
| Team ID       | PNT2022TMID52565   |
| Project Name  | Fertilizers Recommendation System For Disease Prediction |
| Maximum Marks | 4 Marks  |

#### Brainstorm & Idea Prioritization Template:

#### STEP1: Team gathering, Collaboration, select the Problem statement

Template



## Brainstorm & idea prioritization

🕒 10 minutes to prepare  
🕒 1 hour to collaborate  
👤 2-8 people recommended

[Share template feedback](#)

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### Define your problem statement

🕒 5 minutes

PROBLEM

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

PROBLEM

How do we get the data related to each crop diseases

PROBLEM

How might we get information related to fertilizer recommendation?

PROBLEM

How will we create the final application?

PROBLEM

How will we predict the values and which method will be followed?

## STEP 2: Brainstorm, Idea listing, Grouping

2

### Brainstorm

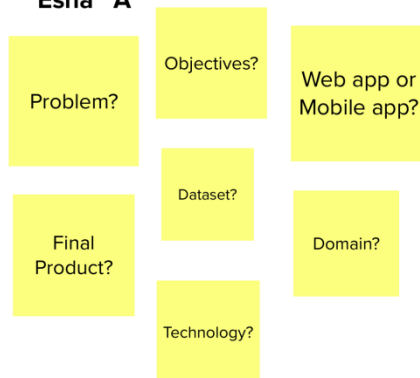
Write down any ideas that come to mind that address your problem statement.

🕒 10 minutes

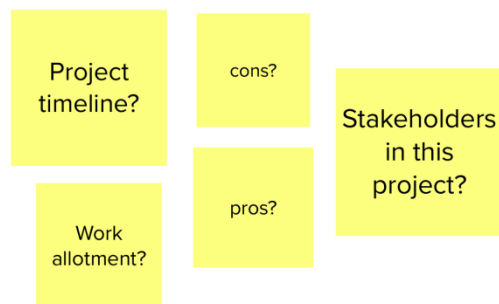
#### TIP

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

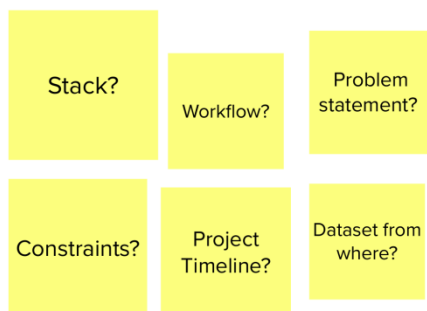
#### Esha A



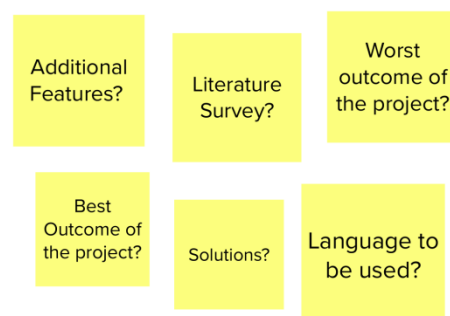
#### Asiya Begam M



#### Shubashini J



#### Kousika M



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### Group ideas

🕒 20 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 that analyses the disease and suggests the farmer which fertilizers are to be used.

## STEP 3: Idea Prioritization

4

### Prioritize

This is a textbox...

🕒 20 minutes

### Idea Prioritization

