

Ideation Phase

Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID20275
Project Name	Estimate the crop yield using data analytics
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich number of creative solutions.

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

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

1

Define your problem statement

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

🕒 5 minutes

The farmers to know about which crop should be suited for this soil and climate conditions and also know about which gives more profit

Step-2: Brainstorm, Idea Listing and Grouping

2

Brainstorm

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

🕒 10 minutes

Vivek V

Soil
Condition

Analyse
which take
minimum
amount of
time

Climate
analysis

Profitable
crop

GangaDharan

Analyse
Crop
Demand

Crop Type

Finding
Perfect
combination
of soil and
crop

Quality
fertilizer for
crops and
soil

Sriram P

Irrigation
Type

Crop
Growth rate

Profitable
Comparison

Crop
Maintenance
cost

Sankar Abinеш

Types of
Soil

Yield
Prediction

Crop
Rotation

Environmental
Condition

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



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

