

Ideation Phase

Brainstorm & Idea Prioritization Template

Date	25 October 2023
Team ID	NMTMID202303811
Project Name	Project – Agriculture Docs Chain
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 amount 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.

Reference: <https://www.mural.co/templates/empathy-map-canvas>



Brainstorm & idea prioritization

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.

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

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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

PROBLEM

In farming and food production, there are problems with keeping important records and papers in a safe and reliable way. This makes it hard for people to trust the information and can cause mistakes and delays in getting food to stores. To solve this, we want to create a system called AgriDocChain that uses technology to keep all the important documents safe and easy to access.



Key rules of brainstorming

To run a smooth and productive session

- 😊 Stay in topic.
- 💡 Encourage wild ideas.
- 👂 Defer judgment.
- 👂 Listen to others.
- 🗣️ Go for volume.
- 👁️ If possible, be visual.

Type your paragraph...

Weather-Integrated
Records: Link your

Type your paragraph...

2

Brain Storm

write down any ideas that comes to mind that address your problem statement.

Person 1

AI can be applied for document classification, data extraction, and processing.

Using Mobile apps to capture and upload documents.

Invest in a dedicated document management software system that is tailored to the unique requirements of the agriculture industry.

Establish an online platform where farmers can share their agricultural documents, experiences, and best practices with one another.

Person 2

Cloud-based document management systems allow for easy access to documents from anywhere.

Sensors for soil, weather, and plant health can transmit data directly to document management systems.

Using a CMS like WordPress or Joomla to organize and manage documents on a website.

Set up audit logs to record and monitor all activities related to document access and management.

Person 3

Using Voice Recognition Technology

GIS technology can be used to map and visualize agricultural data.

Utilize farm management software platforms that centralize data on crop planting, cultivation, and harvest.

Regularly back up agricultural documents and data to prevent data loss in case of system failures or cyberattacks.

Person 4

Create a blockchain based platform for agriculture documents ensuring data security & transparency.

Implementing Scanner & OCR to convert physical DOC into Digital format.

Install firewalls and intrusion detection systems to protect the sensitive data.

Develop a customized database to store and manage agricultural documents.

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

Create a blockchain based platform for agriculture documents ensuring data security & transparency.

Using Mobile apps to capture and upload documents.

Using a CMS like WordPress or Joomla to organize and manage documents on a website.

Implementing Scanner & OCR to convert physical DOC into Digital format.

Using Voice Recognition Technology

Sensors for soil, weather, and plant health can transmit data directly to document management systems.

Establish an online platform where farmers can share their agricultural documents, experiences, and best practices with one another.

Regularly back up agricultural documents and data to prevent data loss in case of system failures or cyberattacks.

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

