

Ideation Phase


Brainstorm & Idea Prioritization Template

Date	21.10.2023
Team ID	NM2023TMID01519
Project Name	Agriculture Docs Chain
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization :




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


Template




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
 2-9 people recommended


 **Before you collaborate**


A little bit of preparation goes a long way with this session. Here's what you need to do to get going.


 10 minutes

 **Team gathering**
Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.


 **Set the goal**
Think about the problem you'll be focusing on solving in the brainstorming session.

 **Learn how to use the facilitation tools**
Use the Facilitation Superpowers to run a happy and productive session.

[Open article](#) 


 **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

The problem at hand is the inefficient and fragmented management of agricultural data, hindering informed decision-making and data security for farmers and stakeholders. Existing systems lack user-friendly interfaces and real-time data access, which results in data inaccuracy, inconsistency, and vulnerability. The "Agriculture Docs Chain" project aims to revolutionize agricultural data management, providing a secure and user-friendly solution on the Ethereum blockchain, ensuring data integrity, accessibility, and reliability for better decision making in the agriculture sector.



Need some inspiration?
See a finished version of this template to kickstart your work.

[Open example](#) 

Step-2: Brainstorm, Idea Listing and Grouping

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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!

PARAMASIVAM

Implement a user-friendly web interface for farmers to interact with the smart contract.

Integrate oracles to fetch real-world weather and market data for better decision-making.

Utilize decentralized identity systems to ensure data privacy and security.

ASWIN

Explore data encryption techniques to protect sensitive information like crop yield and farmer details.

Investigate interoperability with other blockchains or networks to enhance data sharing.

Research using NFTs to represent unique farm profiles or certifications.

SRIGANTH

Ensure regulatory compliance for agriculture data management on the blockchain.

Focus on scalability and optimize gas costs for transactions.

Explore partnerships with agricultural organizations to increase adoption.

MUTHUKUMAR

Develop a mobile app for farmers to access their data and receive notifications.

Implement an incentive mechanism using a native token for data contributors.

Consider integrating machine learning algorithms to provide predictive analytics.

MONIESH

Create a decentralized storage solution for large agricultural datasets.

Consider the development of a data marketplace for buying and selling agricultural insights.

Establish a governance model to involve stakeholders in decision-making.



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

TIP

Add customizable tags to sticky notes to make it easier to find, browse, organize, and categorize important ideas as themes within your mural.

USER INTERFACE AND ACCESSIBILITY

Develop a user-friendly web interface and a mobile app for farmers.

Ensure decentralized identity and data privacy.

Explore NFTs for representing unique farm profiles.

DATA SECURITY AND PRIVACY

Implement data encryption and compliance with regulations.

Investigate decentralized storage for large datasets.

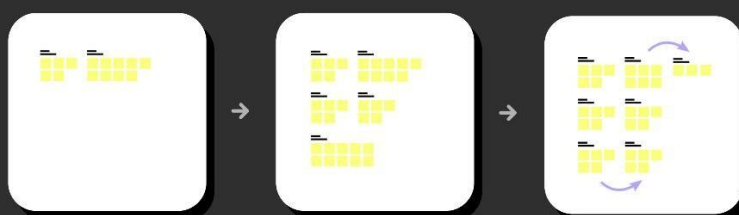
Enhance data security with oracles and encryption techniques.

DATA UTILIZATION AND INCENTIVES

Integrate machine learning for predictive analytics.

Create an incentive mechanism using a native token.

Consider a data marketplace for buying and selling insights.



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

TIP

Participants can use their cursors to point at where sticky notes should go on the grid. The facilitator can confirm the spot by using the laser pointer holding the **H** key on the keyboard.

