

Ideation Phase

Brainstorm & Idea Prioritization Template


Date	19 September 2023
Team ID:	NM2023TMID06191
Project Name	Agriculture Data Management
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.




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

Template




Agriculture Data Management

Conducting an effective brainstorming session is not uncommon; however, a successful brainstorm in our agricultural project is unique. It sets the stage for innovative thinking, harnessing the power of blockchain technology and collaborative input to drive the project forward with groundbreaking ideas that will revolutionize data management in the agriculture sector


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

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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

A

Team Gathering


B

Set Goals



Define your Problem Statement

Design a smart contract using the Ethereum blockchain where you can add the relevant documents on agriculture data into the blockchain You should be able to add the agriculture product details into the blockchain, should be able to query the details from the blockchain, and then change the details whenever it is required.

 10 minutes

Step-2: Brainstorm, Idea Listing and Grouping

2

Brainstorm solo

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

10 minutes

Person 1

Transition to blockchain-based data management.

Small scale rural farmers with limited access to technology.

Person 5

Managing small agricultural operations with resource constraints.

Primary producers responsible for crop growth and supply chain relations.

Person 2

Efficiently track and share product data.

Decide to adopt blockchain technology.

Person 3

Data security breaches in the blockchain system.

Data security breaches in the blockchain system.

Person 4

Efficient and secure data management.

Improved profitability and agricultural efficiency.

3

Brainstorm as a group

Have everyone move their ideas into the "group sharing space" within the template and have the team silently read through them. As a team, sort and group them by thematic topics or similarities. Discuss and answer any questions that arise. Encourage "Yes, and..." and build on the ideas of other people along the way.

15 minutes

TIP
Yes, and... is the magic formula for brainstorming. Encourage "Yes, and..." and build on the ideas of other people along the way.

Step-3: Idea Prioritization

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
After ideas are grouped, try to see if you can break it up into smaller sub-groups.

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
Prioritize ideas on the grid. The strongest point is where the ideas are most important and most feasible. The project team explores various use cases but hasn't yet narrowed down the most suitable ones.