Ideation Phase
Brainstorm & Idea Prioritization Template

Date	01 November 2023
Team ID	NM2023TMID11611
Project Name	Agriculture Docs Chain
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

Brainstorming provides a free and open environment that encourages everyone within a

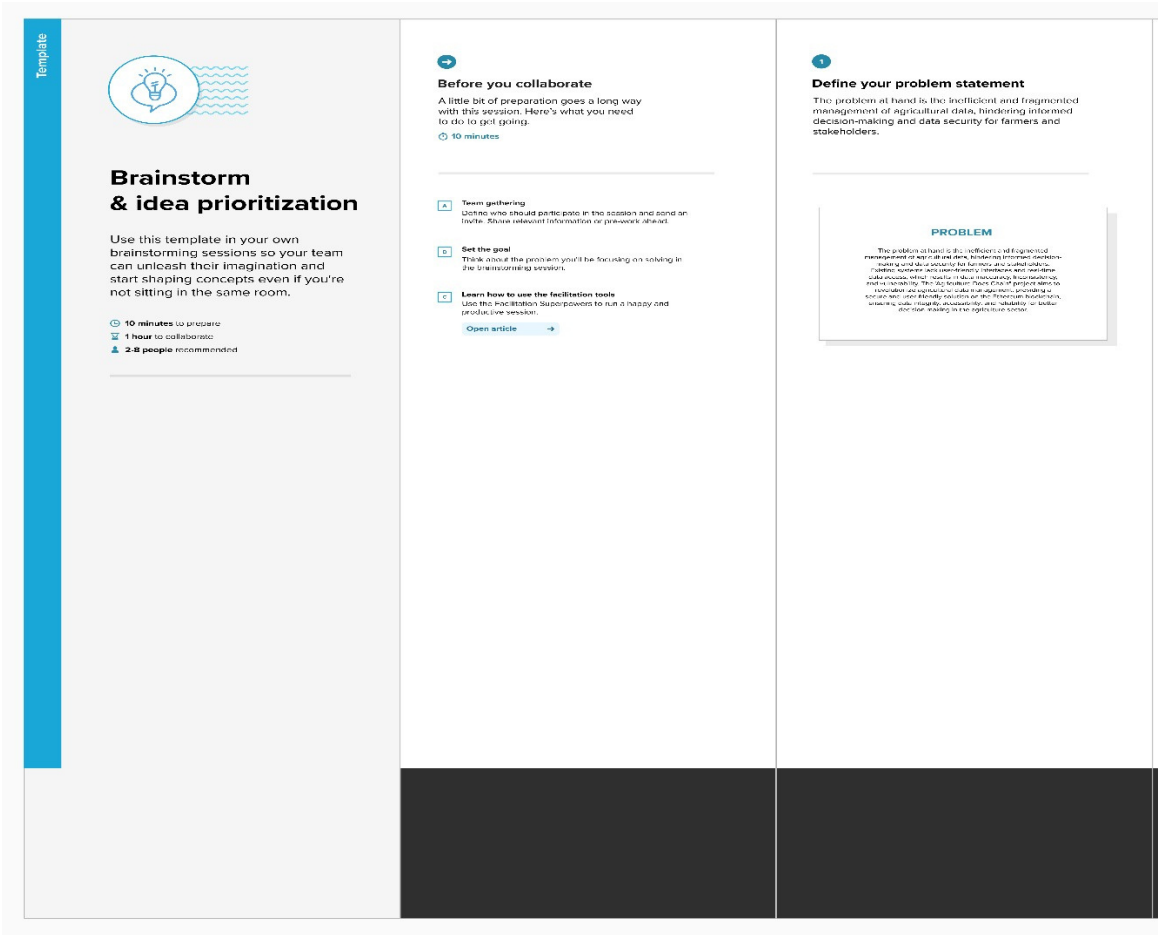
team

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://app.mural.co/t/naanmudhalvan63213/m/naanmudhalvan63213/1698390070292/9a2220fdd47b7a3aba6621278be85b88a63d376b?sender=u6a8db5095f630a8474451028

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



Step-2: Brainstorm, Idea Listing and Grouping

2

Brainstorm

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

10 minutes

RAGHUL

- Develop a mobile app tor 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.

PRAKASH RAJ

- Implement a user-friendly web interface for farmers to interact with the smart contract.
- Integrate oracles to fetch real-world weather and market data tor better decision-making.
- Utilize decentralized identity systems to ensure data privacy and security.

SARATHI KANISHKAR

- Focus on scalability and optimize gas costs for transactions.
- Ensure regulatory compliance for agriculture data management on the blockchain.
- Explore partnerships with agricultural organizations to increase adoption.

VETRIVEL

- Explore data encryption techniques to protect sensitive information like crop yield and farmer details.
- Investigate interoperability with other blockchains or networks ta enhance data sharing.
- Research using NFTs to represent unique farm profiles or certifications.

Step-3:Group ideas and Prioritize

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 and break it up into smaller sub-groups.

20 minutes

USER INTERFACE AND ACCESSIBILITY

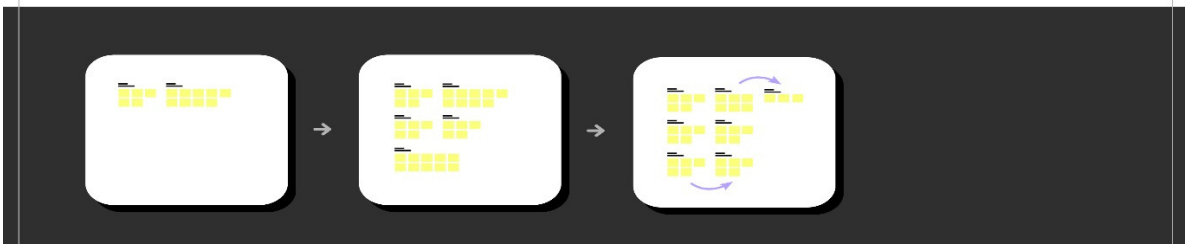
- Develop a user-friendly web interface and a mobile app for farmers.
- Ensure decentralized identity and data privacy.
- Explore NFTs for representing unique farm profiles.

DATA SECURITY AND PRIVACY

- Enhance data security with oracles and encryption techniques.
- Investigate decentralized storage for large datasets.
- Implement data encryption and compliance with regulations.

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.



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