

Ideation Phase


Brainstorm & Idea Prioritization Template

Date	29 October 2023
Team ID	NM2023TMID05974
Project Name	BLOCKCHAIN-POWERED LIBRARY MANAGEMET
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:



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
2-8 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


Library data inefficiencies drive Ethereum solution for transparent management.





Key rules of brainstorming


To run a smooth and productive session


 Stay in topic.

 Defer judgment.

 Go for volume.

 Encourage wild ideas.

 Listen to others.

 If possible, be visual.

Step-2: Brainstorm, Idea Listing and Grouping

2 Brainstorm

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

10 minutes

TIP
You can select a sticky note and in the pencil (click to sketch) icon to start drawing!

Person 1	Person 2	Person 3	Person 4
Utilize blockchain for transparent and secure book transaction records.	Incorporate IoT for automated book check-ins and check-outs, streamlining borrowing.	Ensure smooth integration with existing library systems for blockchain transition.	Create a scalable, adaptable system for evolving library requirements.
Implement decentralized cataloging via smart contracts for efficient book organization.	Utilize blockchain for secure library system authentication and tamper-proofing.	Set up reliable data backup to ensure uninterrupted library operations.	Implement NFTs (Non-Fungible Tokens) for rare book collections, enabling digital ownership certificates.
Create intuitive interfaces for seamless library book access and management.	Deploy robust encryption for safeguarding sensitive user data and compliance.	Incorporate user reviews and forums to build an interactive community.	Integrate blockchain-powered copyright management to protect intellectual property rights and ensure fair use.

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 custom labels to sticky notes to make it easier to find, browse, organize, and categorize important ideas as themes within your model.

Make special digital certificates for really special books, so everyone knows who owns them.

Keep track of how people give money or books to the library, so everyone knows what's happening.

Use computers to suggest books you might like based on what you've read before.

Make sure that people can't steal other people's writing and everyone can use it fairly.

Use small online payments to read books, like a few cents, so the library can make money to get more books.

Step-3: Idea Prioritization

