

IdeationPhase Brainstorm&IdeaPrioritizationTemplate

Date	29October2023
Team ID	NM2023TMID11732
ProjectName	Blockchain - Powered Library Management
MaximumMarks	4Marks

Brainstorm&IdeaPrioritization :

Step-1:TeamGathering,CollaborationandSelecttheProblemStatement

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.

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

Created in partnership with






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.

15 minutes




TEAM GATHERING

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.



Get the goal


Think about the problem statement you'll be focusing the brainstorming session.



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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.

10 minutes


Design and implement a blockchain-based library management system to address the challenges faced by traditional library management systems, including data security, accessibility, and transparency, while also ensuring efficient and cost-effective operations for libraries of varying sizes and resources. Libraries play a vital role in knowledge dissemination, research, and education. However, traditional library management systems often face challenges such as data security, transparency, and efficient resource allocation. In the digital age, there is a growing need to leverage emerging technologies like blockchain to address these issues and create a more secure, transparent, and efficient library management system.




Need some inspiration?

See a finished version of this template to kickstart your work.

[Open example](#) →





Step-2:Brainstorm,IdeaListingandGrouping

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 hit the pencil [switch to sketch] icon to start drawing!

Kamalesh T

Generalized
Contracting

Ganesh Kumar

- Immutable records of borrowing history
- Copyright and royalty management
- Digital asset management

Kavinraj D

Community
writing for
book
purchase

Ibrahim sheriff T.K

Environmental
impact
tracking

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.

Kamalesh T

Free library donation transparency using open contracts	Storage copyright information and royalty statements
---	--

Ganesh Kumar

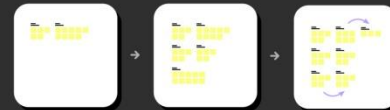
<p>Take the supply chain physical location decisions</p>	<p>Implement location for operations</p>
--	--

Ibrahim sheriff T.K.

Use
BioChain to
track and

Kavinraj D

Supply chain management



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.

TIPS

You can select a sticky note and hit the pencil icon to start drawing.

🕒 15 minutes

SECURITY

ensures that resources are easily traceable, reducing the chances of loss and enabling quick inventory updates.

Blockchain can be configured to maintain the privacy of library patrons. Personal data can be anonymized or encrypted, ensuring that only authorized personnel have access to specific information.

Blockchain allows for fine-grained access control. Libraries can manage who can view, modify, or add data to the blockchain, enhancing security and privacy.

FEATURES

Enhanced library efficiency and transparency.

Improved patron experience and resource access.

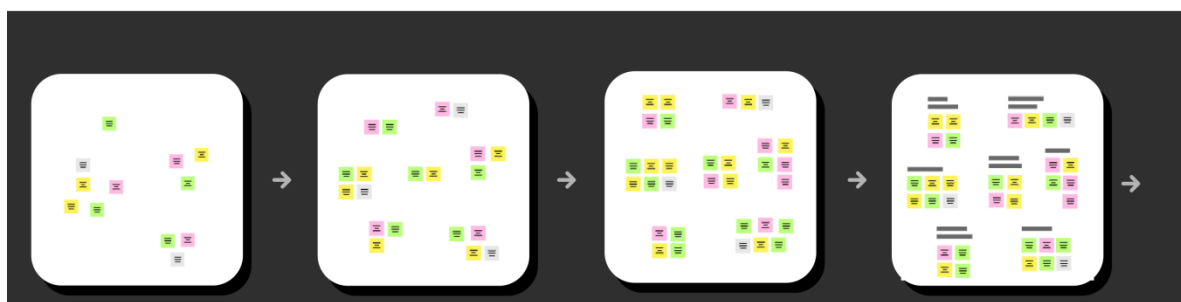
Minimized resource loss and overdue fines

CHALLENGES

Integrating blockchain into existing library systems can be complex and costly. Libraries may need to invest in new technology infrastructure and staff training.

Developing and maintaining a blockchain-based system can be expensive. This includes the cost of blockchain technology, smart contract development, and ongoing maintenance.

Developing a user-friendly interface for the platform



Step-3:IdeaPrioritization

4

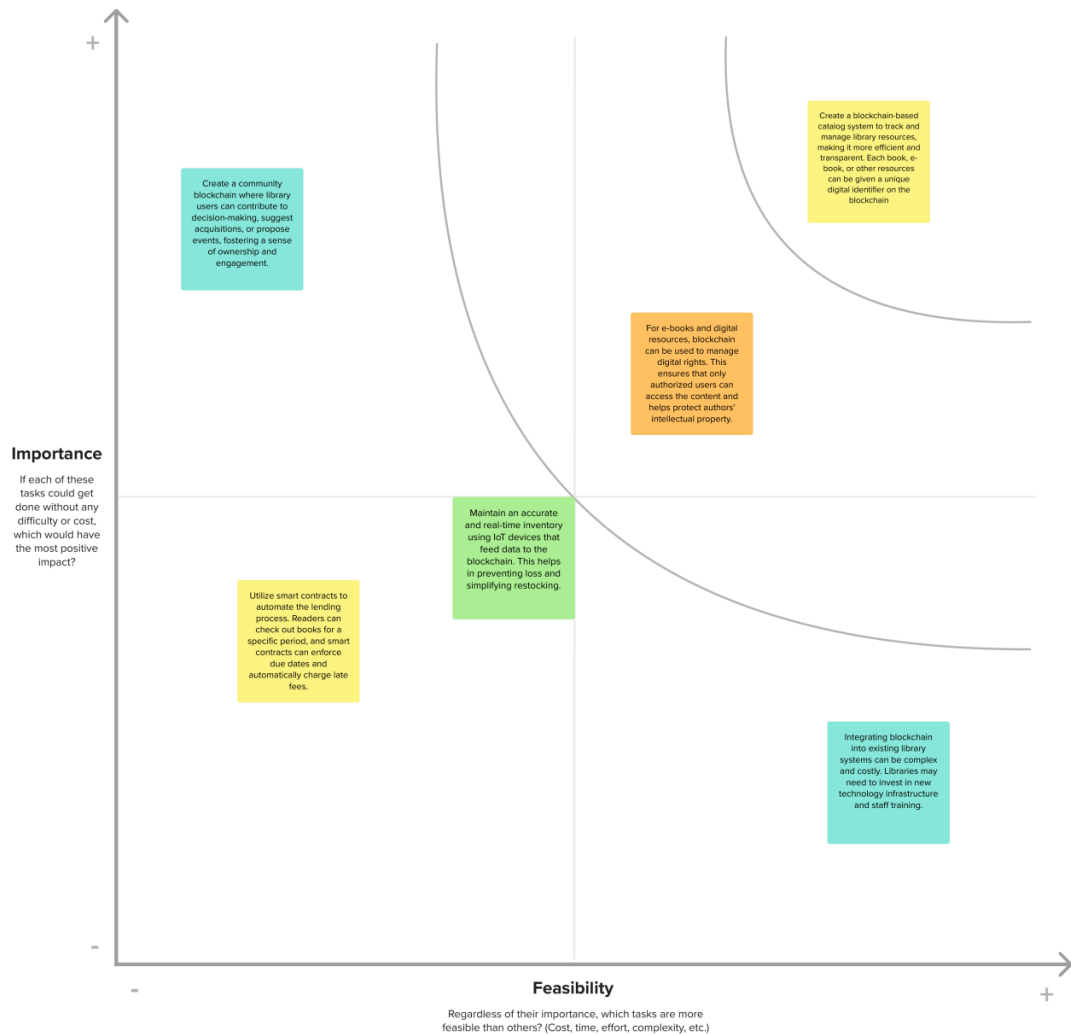
Prioritize

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.



→



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