Ideation Phase
Brainstorm & Idea Prioritization Template

Date	25 october 2023
Team ID	NM2023TMID06003
Project Name	Blockchain- Powered Library 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

Step-2: Brainstorm, Idea Listing and Grouping

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Brainstorm

Implement a user-friendly digital catalog for easy book tracking,and introduce a system for timely book renewal to enhance library efficiency.

⏱ **10 minutes**

shreya

Incorporate lot for automated book checks-outs,streamlining borrowing.

Utilize blockchain for secure library systems authentication

deploy robust encryption for safeguarding sensitive user data and compliance.

sherly helen

Utilize blockchain for transparent and secure book transaction records.

Implement decentralized cataloging via smart contracts for efficient book organisation.

Create intuitive interfaces for seamless library book access and management.

sudarvizhi

Create a scalable adaptable,system for evolving library requirements.

Implement NFTs(Non-Fungible Tokens) for rarebook collections.

Integrate blockchain-powered copyright management to protect intellectual property rights.

tejashwini

Set up reliable data backup to ensure unintrrupted library operations.

Incorporate user reviews and forums to built an interactive community.

Ensure smooth integration with existing library systems for blockchain transition.

3

Group ideas

Implement a collaborative online platform for book recomendations and discussions,enhancing community engagement.streamline library operations with a user-friendly mobile app,allowing seamless book checkouts and returns.

🕐 **20 minutes**

Introduce a user-friendly mobile app for seamless library access.

Implement a digital catalog system for efficient book tracking.

Establish a book recommendation program to encourage diverse reading.

Host regular community events like book clubs or author talks to foster engagement.

Step-3: Idea Prioritization

4

Prioritize

Ensure accurate cataloging and efficient shelving for easy retrival .Foster community engagement through diverse programs and resources to meet patrons evolving needs.

🕐 **20 minutes**

Importance

It enhances efficiency by automating tasks,improving resources accessibility,and facilitating seamless information organisation.

Feasibility

by accessing automation benifits,resource optimisation,and adaptability to technological advancement through brain stroming sessions.

Sticky notes:
- Make sure that all the important information about books and people who borrow them is kept secure and can't be lost.
- Allow people to read digital books by paying a small amount online.
- Make sure that people can't steal other people's writing and everyone can use it fairly.
- Make it quick and easy for people to borrow and return books without waiting.
- Ensure that writer's ideas are kept safe so that no one copy them without permission.
- Use computers to suggest books you might like based on what you've read before.
- Create easy to use computer screens for people to find and borrow books easily.
- keep a clear record of how people give money or books to the library.
- Make special digital certificates for really special books.