

Ideation Phase Brainstorm & Idea Prioritization

Date	19/October/2023
Team ID	NM2023TMID00430
Project Name	Blockchain-Powered Library Management
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization :

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

Brainstorm & idea prioritization

Use this template in your next 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
- 3-8 people recommended

Before you collaborate

A little bit of preparation goes a long way with this workshop. Here's what you need to do to get going.

10 minutes

- Room gathering**
Define who should participate in the session and send an invite. Share relevant information in previous thread.
- Set the goal**
How about the problem you're looking for solving in the brainstorming session?
- Learn how to use the Facilitation Guide**
Use the Facilitation Guide to guide you through the session and produce a report.

Open workshop

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

Workshop

How might we (solve problem statement)?

Key rules of brainstorming

Run an smooth and productive session

- Stay on topic
- Encourage wild ideas
- Defer judgment
- Listen to others
- Go for volume
- Keep it fun and relaxed

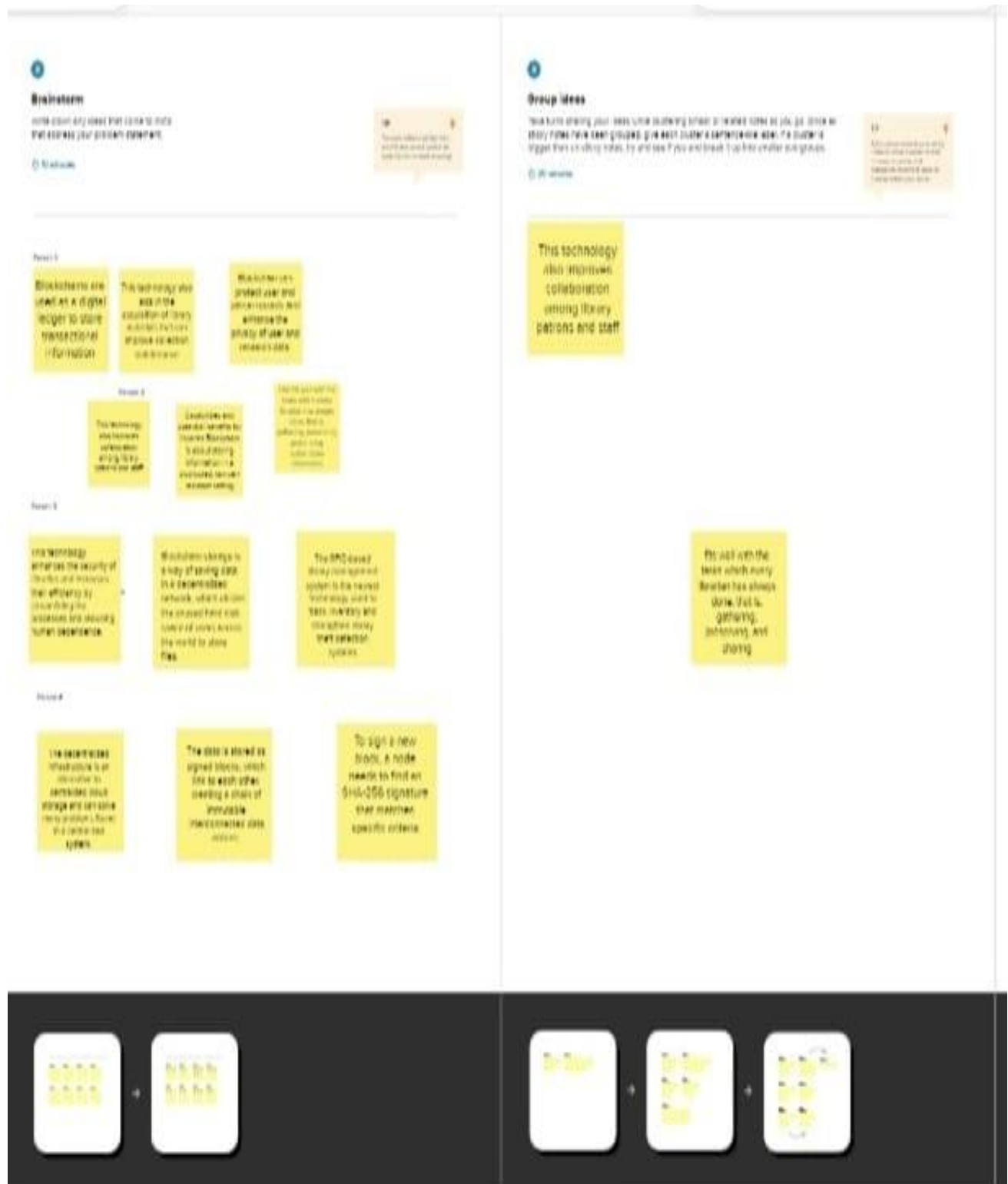
Facilitation Guide

How to Facilitate a Session

Use the Facilitation Guide to guide you through the session and produce a report.

Open workshop

Step-2: Brainstorm, Idea Listing and Grouping



Person 1

Blockchains are used as a digital ledger to store transactional information

This technology also aids in the acquisition of library materials that can improve collection maintenance

Blockchain can protect user and patron records and enhance the privacy of user and research data.

Person 2

This technology also improves collaboration among library patrons and staff

Capabilities and potential benefits for libraries Blockchain is about storing information in a distributed, tamper-resistant setting

This fits well with the tasks which every librarian has always done, that is, gathering, preserving, and sharing authoritative information

Person 3

This technology enhances the security of libraries and increases their efficiency by streamlining the processes and reducing human dependence.

Blockchain storage is a way of saving data in a decentralized network, which utilizes the unused hard disk space of users across the world to store files.

The RFID-based library management system is the newest technology used to track inventory and strengthen library theft detection systems

Person 4

The decentralized infrastructure is an alternative to centralized cloud storage and can solve many problems found in a centralized system.

The data is stored as signed blocks, which link to each other, creating a chain of immutable interconnected data entries.

To sign a new block, a node needs to find an SHA-256 signature that matches specific criteria

Step-3: Idea Prioritization

[illegible]