Ideation Phase

Brainstorm & Idea Prioritization Template

Date	23 Oct 2023
Team ID	NM2023TMID00169
Project Name	Blockchain Technology for Electronic Health Records

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

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

Share template feedback

Need some inspiration?
See a finished version of this template to kickstart your work.

Open example →

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

A **Team gathering**
Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.

B **Set the goal**
Think about the problem you'll be focusing on solving in the brainstorming session.

C **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

Blockchain Technology for Electronic Health Records

PROBLEM

Develop a secure and decentralized electronic health records (EHR) system using blockchain technology to address issues related to data privacy, security, and interoperability within the healthcare industry.

Key rules of brainstorming
To run an smooth and productive session

- Stay in topic.
- Defer judgment.
- Go for volume.
- Encourage wild ideas.
- Listen to others.
- If possible, be visual.

1

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2

Brainstorm

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

🕐 **10 minutes**

BALASUBRAMANIAN S

Create a patient-centric EHR system

ensuring the privacy and security

To Securely manage and share patient data for medical research and clinical trials

YOGAMURUGAN K

Enable seamless data sharing among healthcare institutions

facilitate better care coordination and reduce duplication of tests and treatments

Develop a blockchain-based system for tracking prescription medications

SANKAR MAHARAJA B

Patients,pharmacies and doctors could all have access to this ledger

Build an interoperable EHR platform

Patients can consent to share their data, and researchers can access it with proper authorization

KALIARASAN K

medical histories are stored on a blockchain, ensuring data immutability

Develop smart contracts that automatically process insurance claims based on predetermined criteria

providing secure and immutable health records for virtual consultations.

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**

Create a patient-centric EHR system	Build an interoperable EHR platform
Enable seamless data sharing among healthcare institutions	providing secure and immutable health records for virtual consultations.

TIP

Add customizable tags to sticky notes to make it easier to find, browse, organize, and categorize important ideas as themes within your mural.

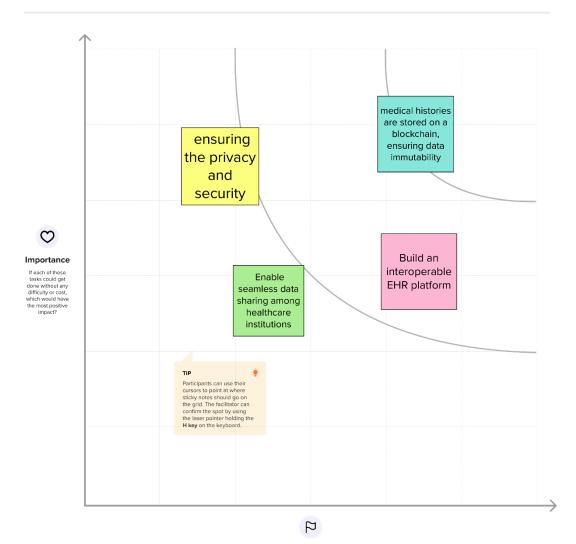|	
Develop a blockchain-based system for tracking prescription medications	medical histories are stored on a blockchain, ensuring data immutability
Patients can consent to share their data, and researchers can access it with proper authorization	To Securely manage and share patient data for medical research and clinical trials

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

Importance

If each of these tasks could get done without any difficulty or cost, which would have the most positive impact?

ensuring the privacy and security

medical histories are stored on a blockchain, ensuring data immutability

Build an interoperable EHR platform

Enable seamless data sharing among healthcare institutions

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.

Feasibility

Regardless of their importance, which tasks are more feasible than others? (Cost, time, effort, complexity, etc.)