Ideation Phase
Brainstorm & Idea Prioritization
Template

Date	29 OCTOBER 2023
Team ID	NM2023TMID05795
Project Name	Blockchain Technology for Electronic Health Records
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

1

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

Blockchain technology has the potential to revolutionize various industries, including healthcare, particularly in the context of Electronic Health Records (EHRs). Electronic Health Records are digital versions of patients' medical histories, treatment plans, lab results, and other health-related information. Blockchain can offer several benefits when integrated into EHR systems

Step-2: Brainstorm, Idea Listing and Grouping

2

Brainstorm

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

🕐 10 minutes

Person 1	Person 2	Person 3	Person 4
SECURITY CONCERNS	DATA INTEGRITY	NO DATA DUPLICATION	IT IS COST EFFECTIVE
USER EXPERIENCE	TEMPER-PROOF PLATFORM	NO DATA REDUNDANCY	SHAREABLE ACROSS DIFFERENT PLATFORMS
OWNERSHIP OF DATA	NOT A PAPER BASED TECHNOLOGY	INCREASES INFORMATION ACCESS	THERE IS TRANSPERENCY

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

The goal of EHR systems was to solve the problems faced by the paper-based healthcare records and to provide an efficient system that would transform the state of healthcare sector

The EHR systems have been implemented in a number of hospitals around the world due the benefits it provides, mainly the improvement in security and its cost-effectiveness.

They were proposed to enhance the safety aspect of the patients by preventing errors and increasing information access

Step-3: Idea Prioritization

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

SECURITY OF DATA

TRANSPERENCY

OWNERSHIP OF DATA

DATA INTEGRITY

NO REDUNDANCY

COST EFFECTIVE

Importance

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

Feasibility

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