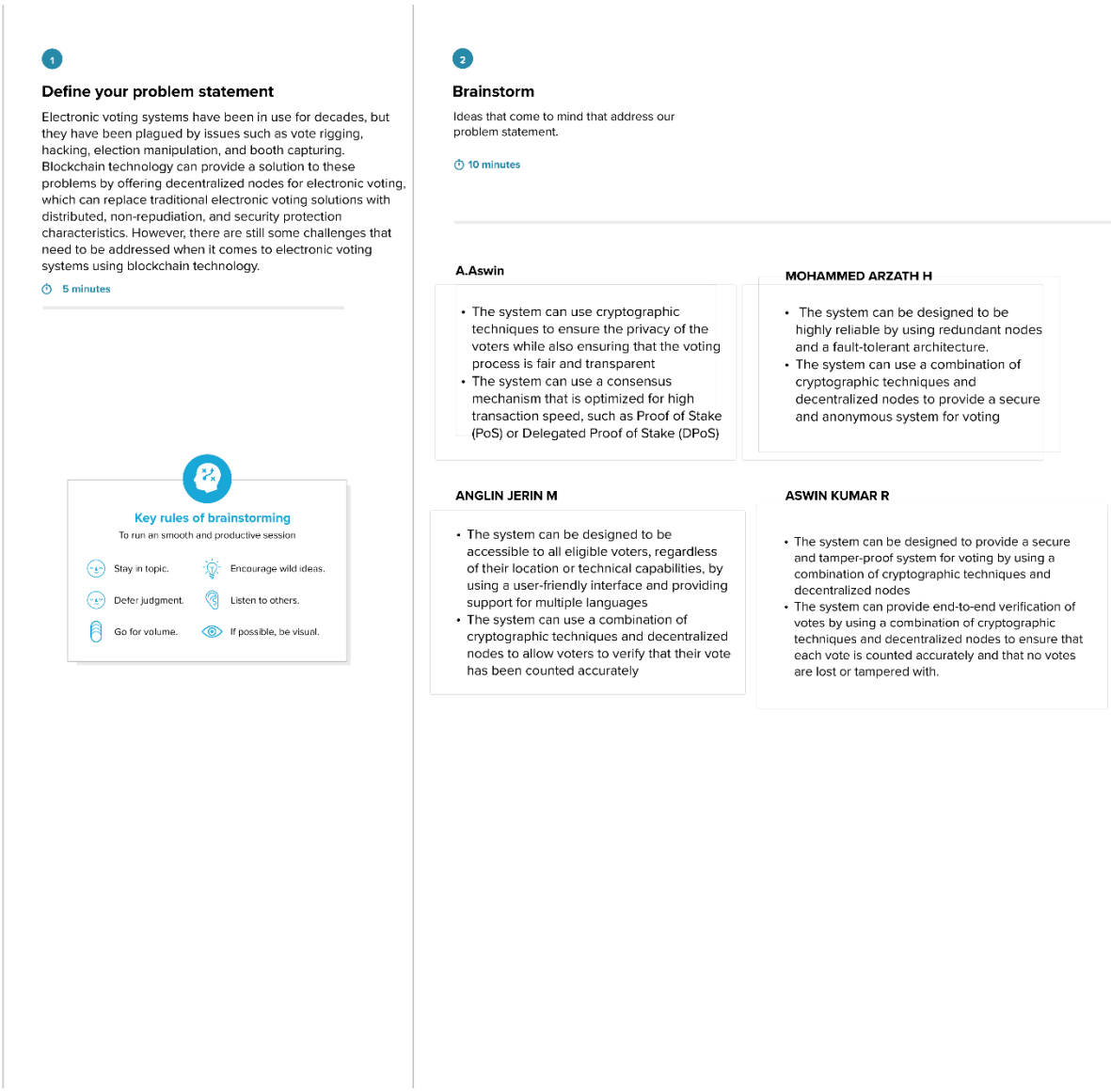
IDEATION PHASE

Date	04 NOVEMBER 2023
TeamID	NM2023TMIDO2239
Project Name	Electronic Voting System
Maximum Mark	4 Mark

BRAINSTORM & PRIORITIZE IDEAS

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.

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



Step-2: Brainstorm, Idea Listing and Grouping

3

Group ideas

Let's brainstorm some key ideas for implementing an electronic voting system using blockchain

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.

Decentralized Ledger

- Utilize blockchain to create a decentralized and tamper-resistant ledger of votes.
- Each vote is recorded as a block, linked in a chain, providing transparency and security

Smart Contracts

- Implement smart contracts to automate the voting process.
- Smart contracts can verify voter eligibility, count votes, and trigger events based on predefined rules.

Incentivize Node Operators

- Introduce a reward system for individuals or organizations running blockchain nodes.
- This could encourage more participation in maintaining the network, enhancing its overall security and reliability.

Multi-language Support

- Ensure that the electronic voting system supports multiple languages to cater to a diverse voter demographic.
- This promotes inclusivity and accessibility.

Immutable Timestamps

- Implement timestamping for each vote to enhance the chronological integrity of the blockchain.
- This can be crucial for auditing and resolving disputes.

Integration with External Systems

- Allow integration with external systems, such as government databases, to streamline the verification process.
- This can enhance accuracy in confirming voter eligibility.

Step-3: Idea Prioritization

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Prioritize

Let's prioritize the group ideas based on both importance and feasibility

20 minutes