

# Ideation Phase


## Brainstorm & Idea Prioritization Template

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Team ID	NM2023TMID04539
Project Name	Electronic Voting System

### Brainstorm & Idea Prioritization Template:




Prioritizing security, biometric authentication, and public trust as high-priority initiatives ensures a strong foundation. Medium-priority tasks, such as open-source software and voter verification, enhance system reliability and user experience. Lower-priority activities like ethical hacking and international collaboration can follow, providing continuous improvement and adaptability. This approach ensures a robust, secure, and accessible electronic voting system.


### 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


 **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


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

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


 **Learn how to use the facilitation tools**  
Use the Facilitation Superpowers to run a happy and productive session.







[Open article](#) 

 **Define your problem statement**

**PROBLEM**

How can we improve the efficiency and security of electronic voting systems to ensure a reliable and accessible voting process while addressing concerns related to accuracy, transparency, and cybersecurity?

**Key rules of brainstorming**  
To run an smooth and productive session

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

## 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**

- Implement a continuous voter education program to increase voter turnout and reduce the frequency of absentee ballots.
- Use biometric verification methods such as fingerprints or facial recognition to ensure voter identity and prevent voter fraud.
- Ensure end-to-end encryption of voting data to protect it from interception or tampering during transmission.

**Person 2**

- Develop a mobile app that allows voters to cast their ballot from their smartphone, with a physical record for verification.
- Combine electronic voting with a physical record for verification.
- Implement multi-factor authentication for voters to ensure the identity of the voter and prevent unauthorized access.

**Person 3**

- Require voters to use a secure, tamper-resistant device to cast their ballot, with a physical record for verification.
- Use PIN for secure authentication and verification of voter identity.
- Use YubiKey for secure authentication and verification of voter identity.

**Person 4**

- Develop secure, tamper-resistant devices for voters to use, with a physical record for verification.
- Implement a secure, tamper-resistant system to detect and respond to any attempts at voter fraud during the voting process.
- Conduct routine and periodic audits to ensure the accuracy of the election results and ensure the integrity of the system.

### 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 can break it up into smaller sub-groups.

20 minutes

VoteSmart offers educational resources, including articles, videos, and infographics, to help voters understand complex policy issues and the electoral process.

Introduce gamification elements to incentivize participation, such as earning badges or points for engaging in discussions, verifying information, and casting vote.

## Step-3: Idea Prioritization

