

**Project Design Phase-I**  
**Proposed Solution**

Date	28 May 2023
Team ID	NM2023TMID10674
Project Name	Electronic voting machine

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Develop a user-friendly interface for voters. This could be a mobile app or a web-based platform. Voters can use this to securely cast their votes.
2.	Idea / Solution description	Develop smart contracts that manage the voting process, ensuring that the rules of the election are enforced. These contracts will facilitate the creation of new blocks containing vote transactions.
3.	Novelty / Uniqueness	Balancing transparency with voter privacy is a key challenge. Implement robust encryption and anonymity measures.
4.	Social Impact / Customer Satisfaction	Establish mechanisms for stakeholders to provide feedback and report issues. Respond to feedback promptly and show a commitment to making improvements based on user input.
5.	Business Model (Revenue Model)	Develop a real-time results display system to provide voters and stakeholders with up-to-date information on the election's progress. Implement tools for authorities to audit the block chain for irregularities and to monitor the voting process.
6.	Scalability of the Solution	The system must be able to handle a large number of transactions during peak voting times.