4. REQUIREMENT ANALYSIS

4.1 Functional requirements

S/NO	Functional Requirement(Epic)	Sub Requirement (Story / Sub-Task)
FR1	User Registration	The system should allow eligible voters to register securely and verify their identity.
FR2	Vote Casting	Voters should be able to securely cast their votes using the system, ensuring that each vote is recorded accurately and cannot be tampered with.
FR3	Vote Counting	The system should automatically and accurately count the votes, ensuring transparency and eliminating the possibility of human error or manipulation.
FR4	Transparency	The blockchain-based system should provide a transparent and auditable record of all votes, allowing for verification and scrutiny by relevant stakeholders.
FR5	Security	The system should employ robust security measures to safeguard against hacking, tampering, or unauthorized access.

4.2 Non-Functional requirement

S/NO	Non-Functional Requirement	Description
NFR1	Scalability	The system should be able to handle a large number of voters and transactions without compromising performance or causing delays.
NFR2	Reliability	The system should be highly reliable, ensuring that votes are accurately recorded and preserved without any loss of data.
NFR3	Compatibility	The system should be compatible with various devices and operating systems to ensure widespread accessibility for voters.
NFR4	Privacy	The system should prioritize the privacy of voter data, implementing encryption and anonymization techniques to protect sensitive information.
NFR5	Interoperability	The system should be able to integrate with existing voting infrastructure and systems, facilitating a smooth.