Project Architectural Design  
**Overview**The blockchain voting app is designed to provide a secure, transparent, and  
decentralized voting system. It utilizes blockchain technology to ensure the integrity of  
votes and prevent tampering.  
Key Components  
1. Authentication  
• Voter authenticity: Ensures only eligible voters can cast votes  
• Uniqueness: Prevents double voting  
2. Anonymity and Secrecy  
• Anonymity: Keeps voter identity separate from their vote  
• Secrecy: Ensures vote content remains confidential  
3. Blockchain Infrastructure  
• Utilizes a distributed ledger for vote storage  
• Implements smart contracts for vote processing  
• Ensures immutability of recorded votes  
4. Front-end Interface  
• User-friendly web application for voters  
• Admin panel for election management

***User Manual***For Voters1. Accessing the Voting Platform  
• Log in to the voting platform using your credentials  
• Ensure you're using a secure internet connection

2. Casting Your Vote  
• Review the candidates or ballot measures  
• Make your selection(s) by clicking the appropriate ‘Vote’ button

For Administrators  
1. Setting Up an Election

• Ensure you are logged in with the admin account (same address that deployed contract)  
• Access the admin panel  
• Add candidates or ballot measures

• Reload page to see changes reflected on ballot

2. Closing the Election  
• Wait for timer to expire. Page will automatically reload.