Item No	Auth Feature	Specification	Screen Definition	User Story	Acceptance Criteria
11	Blockchain Ledge	Ledger View [Voter] / [Admin]	<table> Transaction ID, Timestamp, Vote Hash, Candidate ID </table>	As a user, I should view a transparent ledger so I should verify my vote	-Show all transactions securely. -Data cannot be altered -Latest votes appear first. -Accessible to both voter and admin
12	Receipt Token	Vote Receipt [Voter]	<form> Vote confirmation, Receipt Token ID, QR Code, Copy button>	As a voter, I should a receipt token after voting to confirm my vote	-Token generated on successful vote. -Token is unique and verifiable. - QR code is available. -Copy/ download option works
13	Profile Settings	Edit Profile [Voter] / [Admin]	<form> Name, Email, Phone, Date of Birth, Gender, Submit button>	As a registered user, I should review and securely update my profile and notification preferences, so I should ensure my account is accurate and protected.	-Fields cannot be null. -Email must be valid. -Phone format validated. -Save shows success or error message
14	Password Reset	Change Password [Voter] / [Admin]	<form> Current Password, New Password, Confirm Password, Submit>	As a user, I should have a secure and guided way to reset my password so I should regain account access without	-Current password must match DB. -New password ≥ 8 chars. -Confirm matches the new password.

				compromising security.	-Submit updates password with success/error message
15	Multi-Language UI	Language Selector [Voter] / [Admin]	<dropdown> English, Spanish, French, etc.	As a voter, I should use the system in my preferred language so I should understand every step clearly and avoid mistakes.	-Language changes to UI labels. -Persist selection across sessions. -No broken layout when switched
16	Accessibility Mode	Accessibility Settings [Voter]	<toggle> High Contrast, Screen Reader Support, Larger Fonts>	As a disabled user, I should easier viewing as a user with visual or motor impairments, I should navigate and interact with the voting system easily, so I should cast my vote independently.	-UI adjusts to selected accessibility modes. -Screen reader support enabled. -High contrast applies to all pages
17	Forgot NID Help	NID Recovery Help [Voter]	<form> NID Number, Email, Help Button>	As a user who forgot my National ID number, I should have an easy and secure way to retrieve it, so I should complete my registration or vote.	-Users can request help via email. - Prompt with instructions. - Verification required before assistance
18	Notifications	Notifications Panel [Voter] / [Admin]	<list> System messages, Vote updates, Alerts>	As a voter, I should update as a user, I should receive alerts and	-Display all relevant notifications- Mark as read/unread-

				updates related to my account and the election process so that I stay informed and confident in system activity.	Alerts for vote confirmation, system
19	Rate Limiting	Prevent Excessive Requests [Voter]	<process> request-counter, cooldown-timer </process>	As a system, I should block brute-force attempts, so attackers should not overload or break security	-Multiple rapid requests must trigger the rate limit. -System must block IP temporarily after threshold. -Clear error message "Too Many Attempts." -Normal access resumes after the cooldown.
20	Mobile App	Scan-to-Login Authentication [Voter]	<screen> mobile-dashboard, vote-screen, biometric-login </screen>	As a voter, I should access mobile phones so I can vote easily using my smartphone	-Mobile UI must mirror web features. -App must support fingerprint/face login. -Push notifications must work. -App must run smoothly on Android & iOS.