Electronic Voting System

Functional Requirements

- **Voter Registration and Authentication:**

The system must allow eligible voters to register and authenticate their identity securely.
Registered voters should be uniquely identified to prevent multiple registrations.

- **Security and Privacy:**

The system must ensure the confidentiality and integrity of votes.

Voter identities and choices must remain anonymous.

- **Results Reporting:**

The system must generate and display election results in a transparent and easily understandable manner.
It should provide options for public access

- **Ballot Counting:**

The system must accurately count and record votes.
It should provide real-time updates on the vote count during the election.

- **Roles and Permissions**

Permissions for each user's Actions should be based on their role

- **Categorization and Searching**

Provide each user with the ability to filter the page result

- **Information content**

Each user should have the opportunity to review the product before participating in it

NON-Functional Requirements

Security:

The system must meet high-security standards to prevent hacking and unauthorized access.

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The system must meet high-security standards to prevent hacking, fraud, and unauthorized access.
It should employ encryption for data transmission and storage.

Usability:

The user interface should be intuitive and user-friendly to ensure that voters of all ages and backgrounds can use it easily.

Performance:

The system should provide a responsive and smooth user experience, even during high load times.

Scalability:

The system should handle a scalable number of voters, ensuring that it can accommodate a surge in users during peak voting times.