

**Group Name: MMS****Group Members:**

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**Title Proposals:**

**Proposed Title 1:**  
**Voters Management System**

**Features:**

<b>Voter Registration</b>	Add, update, view, and delete voter information (CRUD).  Input fields include name, address, age, and contact information.  Validation for age and duplicate entries.
<b>Voter List Management</b>	Search voters by name, ID, or location.  Paginated display of the voter list with sorting and filtering.
<b>Database Transactions</b>	Bulk registration of voters with rollback capability in case of errors.  Secure updates to sensitive information using transactional processing.
<b>Report Generation</b>	Generate and export voter lists by location or demographic.
<b>Authentication and Authorization</b>	Admin login for system access.  Role-based permissions for system functionalities.

**Proposed Title 2:**  
**Election Management System**

**Features:**

<b>Candidate and Party Management</b>	Add, update, view, and delete candidates and their party affiliations (CRUD).  Upload candidate profiles and party logos.
<b>Election Event Management</b>	Schedule election events with details like dates, venues, and eligibility criteria.  Transactional updates for modifying election event details.
<b>Voter Participation Tracking</b>	Mark voters as participated or not during the election.  Prevent multiple participations using transactional integrity checks.
<b>Vote Counting and Result Declaration</b>	Secure vote recording and real-time result calculation.  Rollback capability for vote tally errors.
<b>Reports and Analytics</b>	Generate reports on election outcomes, voter turnout, and party performance.  Export results in PDF or Excel format.
<b>User Roles</b>	Admins for election setup and management.  Election officials for vote tracking and reporting.