

Group Name: MMS

Group Members:

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Title Proposals:

Proposed Title 1:
Voters Management System

Features:

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

Proposed Title 2:
Election Management System

Features:

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