

PHASE II

Project Title: Digital Voting and Election Management System

Process Name: Voter Registration and Vote Casting

MIS Focus: Secure workflow, automated vote tracking, result publishing

Objectives:

- Register eligible voters securely
- Allow digital vote casting
- Automate real-time vote counting
- Display results transparently

Expected Outcomes:

- Eliminate duplicate voting
- Accelerate result delivery
- Improve voter trust and participation

Key Entities and Swimlane Roles

Voter

- Registers through the system
- Casts vote during the election window

Election Official

- Approves/Rejects voter registration
- Monitors the election process and results

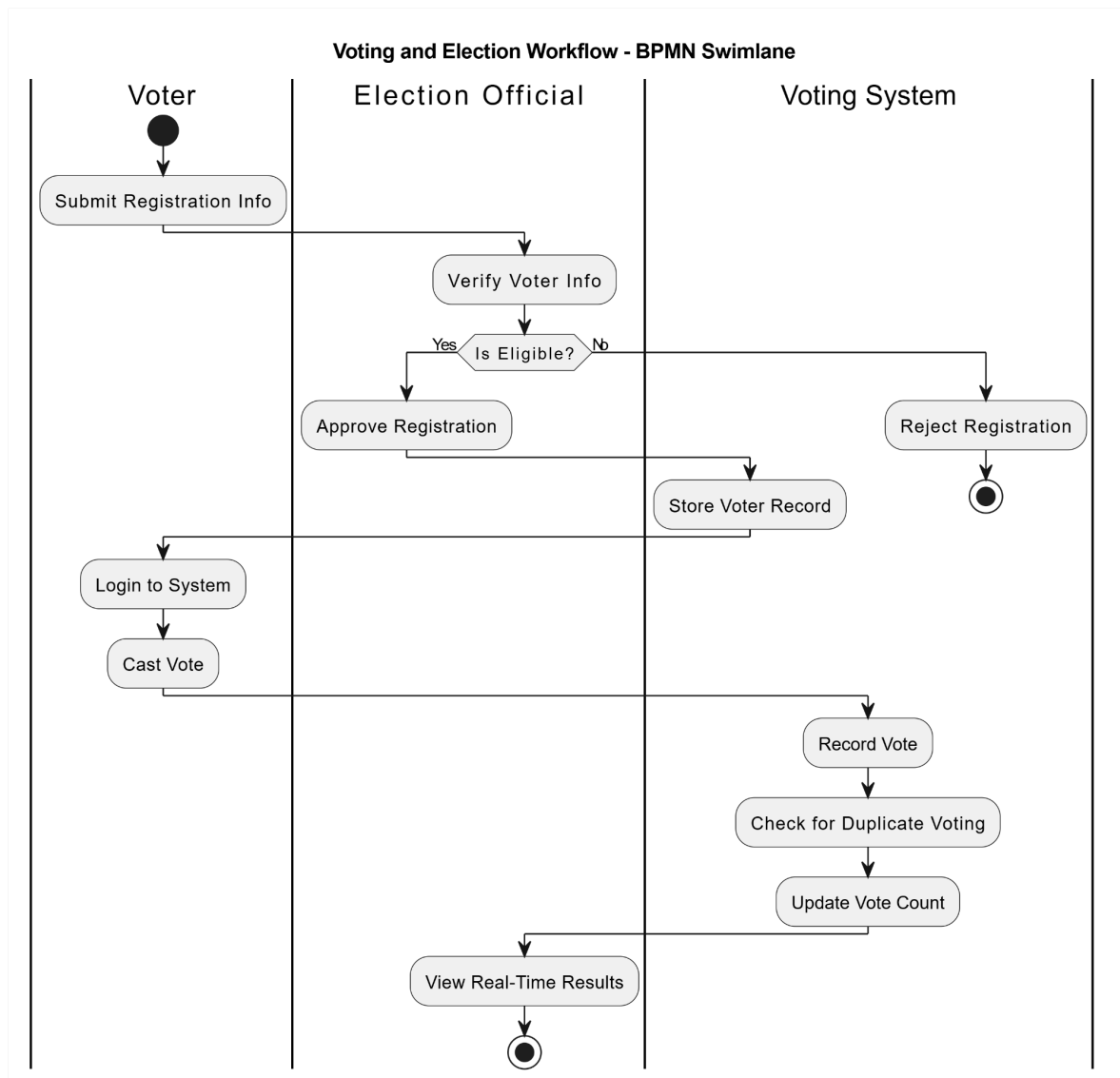
Voting System (Oracle Database)

- Stores voter and vote records securely
- Prevents double voting
- Automatically tallies votes and stores results

Importance to the Organization:

- Enhances electoral transparency
- Reduces errors and fraud
- Enables faster decision-making

BPMN Diagram and MIS Benefits



MIS Support Highlights:

- **Automation:** Streamlines registration, voting, and result computation

- **Security:** Data integrity ensured via Oracle triggers and constraints
- **Real-time Reporting:** Enables dynamic dashboards for live updates

Voting Workflow Summary:

1. Voter submits registration info
 2. Election Official verifies and approves
 3. Voter logs in and casts vote
 4. System records vote, prevents duplication
 5. Official views live result updates
-