

Core Entities

Voter

VoterKey
LastName
GivenNames
ResidenceAddress
MailingAddress
DateOfBirth
IDInfo
RegStatus
InitialRegTime
LastUpdateTime
Confidential?

ElectionOfficial

Username
FullName
Password

Optional Entities/Relations (election/ballot tracking)

Election

ElectionKey
Name
Date
Description
EarliestMailingDate
EarlyVotingStartDate

ElectionParticipation

VoterKey
ElectionKey
Participated?
Date
Method

BallotMailing

VoterKey
ElectionKey
TrackingID
MailedDate
Status
StatusChangeDate
NewTrackingID