Object Model Details

1. Political Party
   1. Attributes
      1. name: String
2. Candidate
   1. Attributes
      1. lname: String
      2. fname: String
      3. voteCount: int
      4. isAlternate: boolean
   2. Static
      1. party: Political Party
         * has a political party associated with the candidate (can be NULL)
3. Election
   1. Attributes
      1. name: String
      2. isPartisan: boolean
      3. alternateAllowed: boolean
      4. voteCount: int
   2. Static
      1. candidates: Candidate[]
         * has a list of candidates involved in this election
4. Issue
   1. Attributes
      1. question: String
      2. yesCount: int
      3. noCount: int
5. Electoral District
   1. name: String
6. Ballot
   1. Attributes
      1. start: String
      2. end: String
   2. Static
      1. election: Election
         * A ballot for an election (can be NULL)
      2. issue: Issue
         * A ballot for an issue (can be NULL)
      3. district: Electoral District
         * The respective electoral district for this ballot
7. Record of Vote
   1. Attributes
      1. date: String[]
         * keeps a list of date and time of which the voter vote for a particular ballot
   2. Static
      1. voter: Voter
         * Corresponds to a particular voter
      2. ballots: Ballot[]
         * Keeps a list of ballots the voter votes on
8. Voter
   1. Attributes
      1. fname: String
      2. lname: String
      3. userName: String
      4. pass: String
      5. email: String
      6. address: String
      7. userid: int
   2. Static
      1. district: Electoral District
         * the district in which the voter belongs
9. Election Officer
   1. Attribute
      1. fname: String
      2. lname: String
      3. userName: String
      4. pass: String
      5. email: String
      6. address: String
   2. Static
      1. ballots: Ballot[]
         * the ballots under the election officer control
      2. district: Electoral District
         * the district in which the election officier control