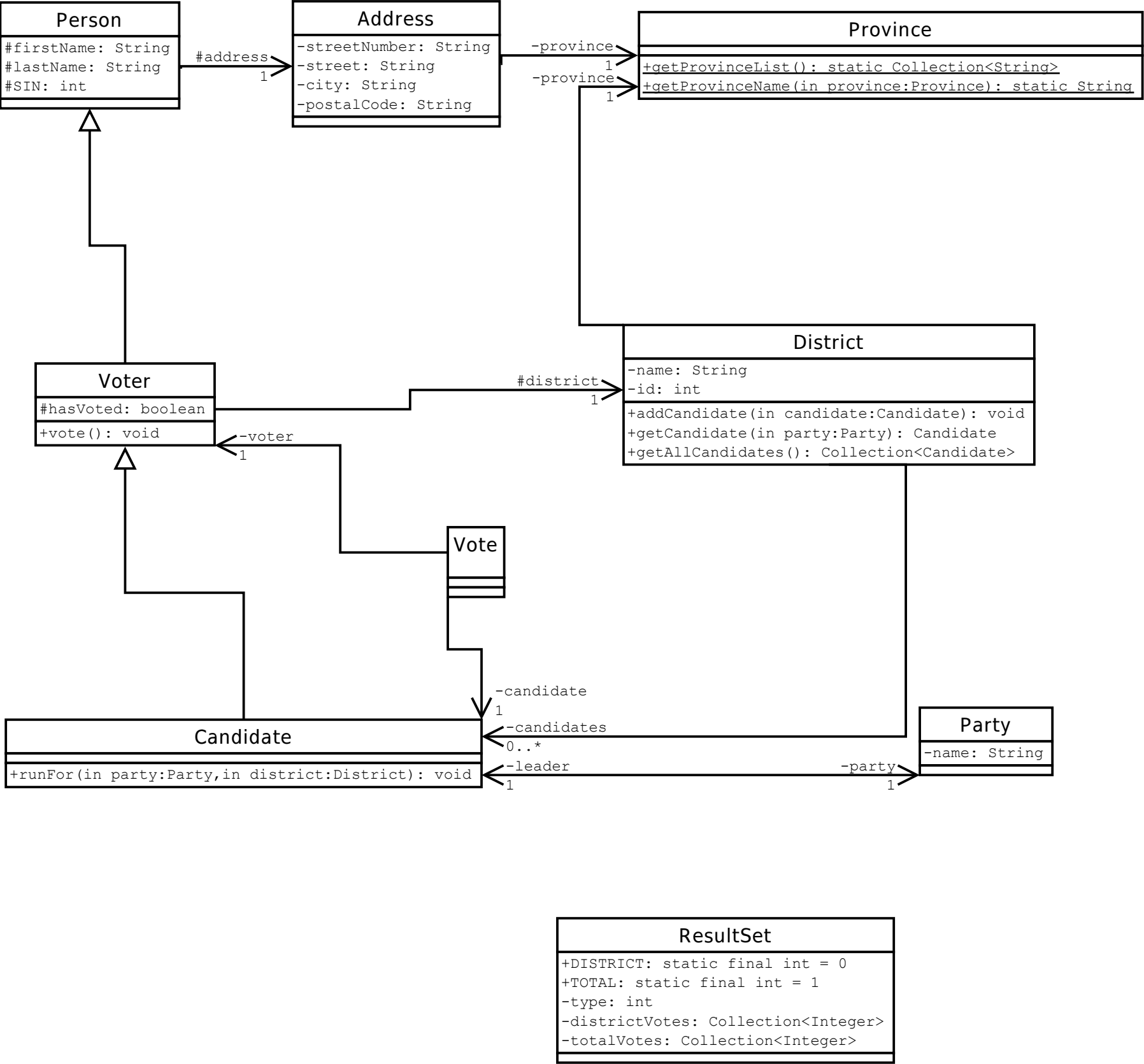


MODEL:



NETWORK:

Message
<<Serializable>>
+Method: static enum = {GET, POST, PUT, DELETE, CONNECT}
+Type: static enum = {REGISTER, VOTE, CANDIDATES, RESULTS}
-data: Object
-method: Method
-checksum: long
-length: int
-senderPort: int
-type: Type
-senderAddr: InetAddress
+calculateChecksum(in data:Object): static long
+getBytes(data:Object): static byte
-calculateLength(): void

MessageCorruptException

WSocket
+TIMEOUT: final int = 10
-socket: DatagramSocket
-host: String
-port: int
-senderID: int
+listen(): void
+connect(): void
+close(): void
+receive(): Message

VIEW:

RegistrationPanel

ResultsPanel

VotingPanel
-searchButton: JButton
-searchText: JTextField
-bookList: JList
-songList: JList
-UIFont: Font

CONTROLLER:

CentralServer
+CENTRAL_SERVER_PORT: final int = 60001
+PERIOD: final int = 1000

ClientController
<div>+registerUser(in person:Person,in socket:WSocket): static boolean</div> <div>+getDistrictCandidates(in district:District,</div> <div>in socket:WSocket): static Collection<Candidate></div> <div>+vote(in candidate:Candidate,in voter:Voter,</div> <div>socket:WSocket): static void</div> <div>+getLocalResults (in district:District,in socket:WSocket): static Collection<Integer></div> <div>+getNationalResults(in socket:WSocket): static Collection<Integer></div>

DistrictServer
-district: District
-server: final WSocket

TESTING:

MessageTest

WSocketTest
-c_socket: static WSocket
+echoServer(): static void
+processResponse(): static void
+userPressedVotedButton(): staticVoid

