Retrieval of file:

File will be within the same directory

Authorization:

Assume everyone accessing it is already authorized

Run out of candidates for a part in OPL:

Go through process until there are no more seats to allocate

Results shared:

Media will receive a third type of report alongside the audit and the printout

Report format:

Use a text file (.txt) and include election type, number of seats, who won, and the numbers

Ballot tracking:

Establish an ID system of ballots for easy tracking and auditing

What constitutes “no clear majority”:

If you don’t get to a majority (defined as >50%) then take whoever has the most votes

Coin toss:

The coin toss should be completely random, flip it a few dozen times

System requirements:

Know the time and space complexities because these will affect your machine

Audit file:

Choose how to implement the audit. Can either store data in data structures and fill out an audit at the end, or can continuously update the audit as the program runs. Naming convention: should generate a unique name per audit file created.

* Distribution after each elimination. Eliminate the loser and distribute their number to the next person. So, we need to keep track of these when we are logging in the audit file

Timing:

Use system time over stopwatch time when timing your program

Normal time election versus special time:

Normal circumstances versus circumstances like where someone dies

How many elections run per program execution:

Do one election when the program is run.

IR loser tie:

Flip coin if two people have lowest number of votes

File naming convention:

Make sure files have a unique name so that things are not overwritten

Security :

* All reports that are sent should be encrypted
* Secure file transfer ( of your choice )

Naming convention Audit & Summary :

* Audit unique name ->
  + Ask the user naming file
  + OR System generate ( Date, time and Day )
* Summary :
  + System generate name ( Date, time and Day )
* Media Report Name ->
  + ????

Safety :

* Crushed ->

Tuesday : Feb-16

* Functional requirements are the “Uses Cases”
* Exception handling should account for any errors that might happen
* End of line markers are very specific
  + This is one of our assumptions
* Handle wrong file names
* Business Rules :
  + Mechanism of voting system and how it works

Candidates gets assigned ballots :

* Store ballots for the candidates and also storing current counts

Documents the process of the algorithm:

Open the file, do something, create a ballot, document where the control is

Sequence diagram:

Where your calls are being made