

1

As a official I want input file form any location as I want So that official could easily move file around
Acceptance and Done Criteria: Official could input file from different location
Effort: Small

2

As a official When I use the droop algorithm, I don't want to count for ballots that are less than half of candidate ranked. So that we don't need to waste resources.
Acceptance and Done Criteria: the algorithm will automatically exclude those ballots which less than half of candidates ranked .
Effort: Medium

3

As a official When I use the system, I want to account for the invalid ballot and generate the report of all of these ballots.
Acceptance and Done Criteria: report is generated with all invalidated ballots and stored in disk
Effort: Medium

4

As a official When I use the droop algorithm, I want to map every ballot to their candidates, so we can reproduce the whole process for later use.
Acceptance and Done Criteria: the algorithm will automatically print all the ballots and the mapping relation with candidates to the audit file.
Effort: Medium

5

As a official
I want to search for files on the disk and select files from a directory structure. So that I can select files from different directories easier.

Acceptance and Done Criteria: there will be interface to directory structure, tester can select file directly through the user interface.

Effort: Medium

6

As a official
I want a graphic user interface for all information I need to input
So that official could easily input information

Acceptance and Done Criteria: Official could input information through UI

Effort: Small

7

As a official
I want to be able to name the invalidated file whatever I like and store it wherever I like. So that official could easily name and save the file.

Acceptance and Done Criteria: there will be an interface to directory structure, and users can name and store their file in that directory. Testers can select names and store the file directly through the user interface.

Effort: Medium

8

As a official

I want have the ballots input on the screen directly into the program on one machine So that official could easily input ballot info through screen instead of file
Acceptance and Done Criteria: Official could input ballot information through the screen and UI on one machine
Effort: Medium

9

As a official I want to stop the election to run the result So that official could stop receive ballots information and run system to generate result
Acceptance and Done Criteria: Officials are able to stop receiving ballots information and run the result
Effort: Medium

10

As a official I want the have voting machines send the ballot information directly to the system in real time So that official could easily receive ballots information from remote machine
Acceptance and Done Criteria: Official could receive ballots information from remote machine and used by voting system
Effort: Medium

11

As a official Besides the audit file, I want an audit report that can be saved and printed, so I can give it to the election certification officials.
Acceptance and Done Criteria :The report must have a date, a type of election, the candidate, the number of seats, and the winner of the election. If there were "winners" taken from the "losers" list that did not reach droop or were determined by a coin toss, that they are on the winners list that is given to the officials. Only the pertinent information is on this report. No

need for losers.
Effort: Large