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Project 2: Agile

1

As an election official, I want a graphical UI to make data input easier and reduce mistakes.
Acceptance Criteria: <ul style="list-style-type: none">Input can be entered on a UI instead of terminal
Effort: XL

2

As an election official, I would like to be able to manually enter ballots directly into the program.
Acceptance Criteria: <ul style="list-style-type: none">After starting the program and entering the filename for the CSV, the terminal prompts the user for additional ballots.If "Yes" is entered, terminal cycles through the candidates asking for the rankings for each on that ballot
Effort: M

3

As an election official, I would like the program to check for errors in the parameters of the CSV file.
Acceptance Criteria: <ul style="list-style-type: none">Errors are thrown for the following:<ul style="list-style-type: none"># of seats greater than # of candidates# of candidates (parameter) matches # of candidates per ballot# of ballots (parameter) matches # of ballots
Effort: S

4

As an election official, I would like the program to check for errors in the inputs given.
Acceptance Criteria: <ul style="list-style-type: none">Errors are thrown for the following:<ul style="list-style-type: none">Make sure that there is correct input type for all parameters to be entered.Make sure that a filename is given.
Effort: S

As an election official I would need the system to be able to handle up to 100,000 ballots in a timely manner because I don't want to wait an unreasonable amount of time to see the results.

Acceptance Criteria:

- The system processes 100,000 ballots within a few minutes
- System doesn't crash
- Successfully displays results

Effort: M