

Universal Definition of Done: Runs on CSE Labs machine.

EPIC User Story 4

As an election official, I want to be able to click on the files so that the process is simple and straightforward.

AC: The program shows the user a GUI when prompting for the file(s) to be used in the election.

Done: Implemented, tested, documented, reviewed and refactored.

Effort: XL

User Story 4.1:

As an election official, I want a window to pop up with all available election files that I can choose, so I can select them easily.

AC: GUI window displays all .csv files in working directory

Done: Implemented, tested, documented, reviewed and refactored.

Effort: M

User Story 4.2:

As an election official, I want the files I click on to be selected for the program to use so that the program responds to my choices.

AC: GUI window responds to user interaction, files that are clicked on are highlighted and selected for running the election.

Done: Implemented, tested, documented, reviewed and refactored.

Effort: S

User Story 4.3:

As an election official, I want to click on a "Run" button to run the program with all of the files I have selected so that the program runs simply.

AC: GUI window has a "Run" button that when clicked, starts program execution with all files selected. If no files are selected, it shows in red text "Please Select a File" until the user either runs with ≥ 1 files selected or cancels the program's execution.

Done: Implemented, tested, documented, reviewed and refactored.

Effort: S/M

User Story 5:

As an election official, I want to run an election with ballots from multiple voting centers, so that we don't have to hire someone to manually add all ballots to one file.

AC: The program accepts multiple filenames and correctly creates ballots from all files.

Done: Implemented, tested, documented, reviewed and refactored

Effort: Medium

User Story 6:

As an election official, I want results from the election to be displayed to me immediately.

AC: Program outputs winners/seats/percentages to the screen.

Done: Implemented, tested, documented, reviewed and refactored

Effort: Small

EPIC: User Story 8:

As an election official, I want a table to be displayed after the election that shows the number of votes each candidate has after each round of the IRV election.

AC: The program correctly creates a table, which is made available to the user.

Done: Implemented, tested, documented, reviewed and refactored

Effort: XL

User Story 8.1:

As an election official, I want a table displaying each candidate and their party displayed.

AC: Program displays a table with each candidate listed.

Done: Implemented, tested, documented, reviewed and refactored

Effort: Small

User Story 8.2:

As an election official, I want to see each round of votes the candidates were given from the ballots.

AC: Program opens a table of a list of candidates and all the votes they received each round.

Done: Implemented, tested, documented, reviewed and refactored

Effort: Small

User Story 8.3:

As an election official, I want the amount of votes added and subtracted for each candidate displayed next to their names in a table.

AC: Votes per candidate that are added/subtracted are displayed per round next to the candidate name in a table.

Done: Implemented, tested, documented, reviewed and refactored

Effort: Medium