

User Stories:

ID: 004
As an election official, I want to see a table that shows each round of the IRV, so that the election results are understood.
Acceptance Criteria: <ul style="list-style-type: none">- A table is displayed with the results of each round of the IRV election- The table is easy to understand- The table is displayed to the terminal
Definition of Done: <ul style="list-style-type: none">- Table is properly formatted- Table correctly displays each round of IRV and the correct stats for each round- Table is displayed at the end of the election- Table displays the changes in votes (additions and subtractions) of each candidate in each round- Code Passes all tests (unit testing, integration testing)- Documentation is complete
Effort: Medium - 4 hours
PBI Author(s): Sidney N., Chiemeka N., Theodore C., Phuong L.

ID: 006
As an election official, I want the files to be processed, so that the PO election can be run.
Acceptance Criteria: <ul style="list-style-type: none">- The files provided from the election official are able to be processed with no error- The data in each file is stored and assigned properly- The ballots for each file is given to its respective party- The ballot count in each file is added to an overall ballot count- Display error if a file is unable to be processed- The PO election can run properly with the processed files
Definition of Done: <ul style="list-style-type: none">- Files can be opened properly with error checking- Each file is correctly denoted as PO- Ballots from each file are accounted for each candidate and the total number of ballots

<p>is increased with each file</p> <ul style="list-style-type: none"> - Data (Ballot, Candidateobjects) is populated. Correctly matching the data in the file read in (this will be determined through testing) - The accumulation of all ballots from each file equals the correct total number of ballots - Errors are thrown when file format is incorrect or file can't open - Code Passes all tests (unit testing, integration testing) - Documentation is complete is increased with each file
Effort: Small - 2 hours
PBI Author(s): Sidney N., Chiemeka N., Theodore C., Phuong L.

ID: 014
As an election official, I want to use a pop-up (GUI) window to select files for processing, so that I can choose the right file(s) for each election.
<p>Acceptance Criteria:</p> <ul style="list-style-type: none"> - Election officials are able to select files by clicking on them - Election officials are able to select multiple files for processing - Files in the directory are listed out - Files the election official selects are the files that are used in the election - From a directory, where the window appears at the start of the program and allows me to type in a file name or search for file(s) on disk using my mouse or arrow keys
<p>Definition of Done:</p> <ul style="list-style-type: none"> - The GUI for selecting files appears to the user when the program starts - Lists the correct files - User can select multiple files - Files selected are the files used in the election - GUI displays to user properly - Documentation is complete - Code Passes all tests (unit testing, integration testing)
Effort: Medium - 4 hours
PBI Author(s): Sidney N., Chiemeka N., Theodore C., Phuong L.