

Note: The GUI functionality is provided in the repository, but didn't fully work for one of our machines/environments. For some, it works as expected. The final product backlog consists of PBIs related to the GUI since additional testing is needed.

As an election official I want a GUI window So that I can start the election process
Acceptance Criteria: There is a GUI that a user can see and click on to start election calculations.
Definition of Done: The GUI is displayed on the screen with the necessary prompts and the user is able to run the main function in the FileParser class. Functionality is thoroughly tested to work on all machines . Code is fully documented.
Effort: Large
PBI Author(s): Bilal Osman, Liam O'Neil

As an election official I want a GUI window So that I can select ballot files for processing from a directory
Acceptance Criteria: The screen will allow the user to click on files from the computer and/or type in file names.
Definition of Done: The GUI is able to input file names from local directories and from text input. The GUI functionality is thoroughly tested. Code is fully documented.
Effort: Medium
PBI Author(s): Bilal Osman, Soorya Sundravel, Liam O'Neil

As an election official I want to be able to see PO election results in a window So that I can see how the election was calculated
Acceptance Criteria: The GUI shows election results and calculations on the screen.
Definition of Done: The GUI is able to show the calculations for each candidate. The functionality is thoroughly tested. Code is fully documented.
Effort: Medium
PBI Author(s): Bilal Osman, Liam O'Neil

As an election official I want to be able to see CPL election results in a window So that I can see how the election was calculated
Acceptance Criteria: The GUI shows election results and calculations for each allocation of seats.
Definition of Done: The GUI shows all election information done through the algorithms of CPL and displays it on the screen. The functionality is thoroughly tested. Code is fully documented.
Effort: Medium
PBI Author(s): Bilal Osman, Liam O'Neil

Accepted PBIs:

1. CPL remainder tie breaker (bug from waterfall)
2. Add date to audit file (bug bug from waterfall)
3. Multiple file inputs
4. IR table
5. Multiple file processing CPL
6. Multiple file processing IR
7. PO election class
8. Multiple file processing PO
9. PO tie breaker
10. PO candidate class