

Display PO stats

As an election official I want to display to the screen PO stats including winner, loser and percentage of votes each candidate received So that constituents who voted know how well their candidate did and election officials know who won and lost
Acceptance criteria: Winner and loser is displayed, percentage of votes for each candidate is displayed, the information displayed on the screen is actually valid and accurate e.g correct winner, correct percentage of votes
Definition Done: Need to be able to correctly display winner, loser and percentage of votes each candidate received
Effort: medium
PBI Author: Dahir Ali

Bringing in multiple .csv files into the system

As an election official I want to be able to bring in multiple files into the system So that the ballots may be processed across a vast array of files
Acceptance Criteria: <ul style="list-style-type: none">• Election information processed properly• Number of ballots stored
Definition of Done: Files have been tested to deliver accurate information that is contained within the files. All files are able to be brought in.
Effort: Medium
PBI Author(s): Matt Graba

Process all file headers for an election

As an election official I want to be able to process the file headers across all files that are brought So that the appropriate information is processed and the correct election is determined within each file
Acceptance Criteria: CPL, IR, or PO election is determined
Definition of Done: When we run the program it should return the appropriate information
Effort: Small
PBI Author(s): Muhsin Mohamed

Run Instant Runoff Election

As an election official I want to be able to run the IRV election So that we can receive the winners of the election based on the IRV system
Acceptance Criteria: Produce a correct winner, produce an audit file containing the correct information, candidates, winner and how the election progressed. Display the correct winner to the screen.
Definition of Done: When IRV is run it should return the correct winner/s of the election and an audit file.
Effort: Small/Medium (We have bugs)
PBI Author: Muhsin Mohamed

Have Closed party listing Election

As an election official I want to be able to run the CPL election So that we can run an election based on the Closed party listing voting system
Acceptance Criteria: Produces correct winner, produces audit file containing correct election information, candidates, winner and how the election progressed, displays correct winner to the screen
Definition of Done: Produces correct winner, produces audit file with correct election information, and display the correct winner to the screen
Effort: Small/Medium(fixing errors)
PBI Author(s): Dahir Ali

Create Graphical User Interface to input required election Data

As an Election official I want to input required election data through a GUI So that <why>
Acceptance Criteria: Need a Graphical user interface that can input required election data correctly
Definition of Done: GUI that can accept input such as election date
Effort: Small
PBI Author(s): Dahir Ali

Validate IRV Ballots

As an election official I want to validate ballots that have half or more candidates ranked So that election results are accurate and fair
Acceptance Criteria Ballots are correctly validated
Definition of Done (What is required by the team before sending out for review) Code works and tests pass Data is stored for audit file creation
Effort: Medium
PBI Author: Julian Heyman

Produce Invalidated Ballot File

As an election official I want an audit file of invalidated ballots So that i can view what ballots were removed
Acceptance Criteria File is easy to read and available after running election
Definition of Done (What is required by the team before sending out for review) Correctly prints all invalidated ballots Code works and tests pass
Effort: Small
PBI Author: Julian Heyman

Implement PO election

As an election official I want to be able to run PO elections So that they do not have to be determined manually
Acceptance Criteria Can pass in file and get returned the winner for a PO
Definition of Done (What is required by the team before sending out for review) Correctly determines winner Stores information for stat display Code and tests work
Effort: Large
PBI Author: Julian Heyman

Implement Coin toss for PO

As an election official I want a tie to be settled with a fair coin toss So that ties can be determined fairly
Acceptance Criteria A winner is determined
Definition of Done (What is required by the team before sending out for review) Code works and passes Can handle more than two way tie with nearest number allocation
Effort: Small
PBI Author: Julian Heyman

Create Graphical User Interface to select ballot files for processing from a directory

As an election official I want a GUI to select ballot files from a directory to run the election So that it is easier to select ballot files needed for processing
Acceptance Criteria: GUI needs to have the option to type in file name or look for files using mouse or arrow keys
Definition of Done (What is required by the team before sending out for review): GUI needs to exist with correct ballot files, be able to type file name, look for files with mouse and arrow keys
Effort: Medium
PBI Author(s): Dahir Ali

Get election information from csv files

As an election official I want all the election information needed to run the election to be brought in from the csv files So that election could be run by simply inputting files to the system
Acceptance Criteria: system needs to read in the information from the files correctly line by line including ballots, name and number of candidates and type of voting
Definition of Done (What is required by the team before sending out for review): be able to read the information from csv files correctly
Effort: Medium
PBI Author(s): Dahir Ali

Display a table

As an election official I want a table at the end of the election showing each round of IRV and number of votes that the candidate added/subtracted for that round. The table should be displayed to the screen So that the progress for each round can be seen
Acceptance Criteria: Needs a display table displaying to the screen, with each round showing the correct amount of votes for each candidate added/subtracted
Definition of Done (What is required by the team before sending out for review): display table to the screen with correct amount of votes added/subtracted for each candidate
Effort: Medium
PBI Author(s): Dahir Ali