Product Backlog Sprint Backlog

Not Started

As the product owner, I want both plurality and STV to work properly, So that election results can be calculated,

Acceptance Criteria:

• Plurally works properly
• STV works properly
• Passes all unit tests
• Passes all possible cases specified by the csv files
Effort: Small

As the developer of the voting I want to be able to determine shuffle option.
So that I can use for testing and make sure the election is fair.

- Acceptance Criteria:

 Check if command line contains a third argument for shuffle option

 The default shuffle option is
- turned on
 Be able to let the developers to pass in on/off after the file name to indicate the shuffle.
- Passes all unit tests
 Passes all possible cases specified by the csv files

Effort: Small

As the user of the voting system, I want to input a CSV file, So that nothing else is prompted.

- Acceptance Criteria:

 Be able to prompt, user to input file name
 Be able to purse the file
 Beaster all possible acres
 of info
 Pe

Effort: Small

As the user of the voting system, I want to run the voting system by parsing in a command line with the file name, so that the system can be run with just a command line argument.

- Acceptance Criteria:

 Be able to handle command line argument
 Be able to parse the file
 Be able to parse the file
 Beable incompare the file
 Beable line represents one type of info
 Passes all unit tests
 Passes all possible cases specified by the csv files

As the election official, I want to make sure to only count for ballots that have at least half of the candidates ranked, So that ballots that do not meet this standard are determined to be invalidated when the election is

- Acceptance Criteria:

 Be able to each invalidated baltot during the process of running the voting system

 Be able to calculate the raiso between the rankings and the number of candidate for each baltot during each vote distribution

 Passes all unit tests

 Passes all unit tests

 Passes all unit tests

 Passes all unit tests

Effort: Medium

As the election official, I want to have a short report in addition to an audit report. So that the short report can be printed and given to the election certification officials.

Acceptance Criteris:

Include date, type of election, the candidates, 4 seats and the winner of the election

No losers list is included in the short report.

Passes all unit tests

Passes all possible cases specified by the csv files

Effort: Small

Completed

In Progress

Code the STV algorithm Update documentation for the parsing method Code the inputting shuffle option part

Write unit tests for determine shuffle option and shuffling ballots

Codes to parse the file and find required information properly

Code to identify the exact number of valid votes for a ballot.

Update documentation

Codes to generate the short report with required information

design the format of the short report