

Complete OPL Voting Algorithm

As a project owner, I want votes to be calculated for the OPL voting system, so that OPL election input files can be analyzed.

Acceptance criteria:

The OPL algorithm must produce accurate data.

The OPL algorithm must be thoroughly tested and function as intended.

Definition of Done:

The result must be accepted by the product owner.

The result must be accepted by the team.

The result must pass automated and manual tests.

Level: Medium

Complete CPL Voting Algorithm

As a developer, I want to complete the CPL voting algorithms, so that we can properly calculate the winner for CPL.

Acceptance criteria:

The CPL voting algorithm must correctly determine the winner.

The CPL voting algorithm must be efficient.

Definition of Done:

The result must be accepted by the team.

The result must be accepted by the product owner.

The result must pass all tests and inspection.

Level: Medium

Displaying Voting Results

As a developer, I want my display function to be able to display the winner so that users are able to see who is the winner for both CPL and OPL voting types.

Acceptance criteria:

A winner with its number of votes can be properly displayed.
Display must pass tests or manual inspection.

Definition of Done:

The result must be accepted by the product owner.
The tests must pass or be inspected and accepted.

Level: Medium

Create Results File for Sharing

As a product owner, I want to save the results in .txt format to the disk, so that the results can be shared easily.

Acceptance criteria:

Only basic information such as winners, parties, percentage of votes, and possibly total number of votes.
The system must run to generate correct results.
The information displayed on the screen is exported into a .txt file

Definition of Done:

The result must be accepted by the product owner.
The result must be accepted by the team.
The result must pass inspection or tests.

Level: Medium

Searching for Input File GUI

As an Election Official, I want to be able to search for an input file using a GUI, so that I will be able to run the program without having the file be in the same directory as the program.

Acceptance criteria:

The GUI must be easy to read.

The GUI must be easy to use.

The GUI must be able to find a file that the user wants.

Definition of Done:

The GUI must be accepted by the product owner.

The GUI must be accepted by the team.

The GUI must be completely functional and pass manual inspection and/or tests.

Level: Large

Generate a Report of the Results

As an election official, I want to have a short report of the results so that I can give it to other election officials read.

Acceptance Criteria:

The result summary must include the date, type of election, the candidates and their parties, the number of seats, and the winner(s) of the election.

The file must be in a printable format.

Definition of Done:

The feature must pass testing and inspection.

The feature must be accepted by the product owner.

The feature must contain all information in the acceptance criteria.

Level: Large

Manually Enter Election Information

As an election official, I want to be able to manually enter information about the election and ballots so that the information goes into a .csv file that can be saved as part of the audit.

Acceptance Criteria:

The entered information must be saved to a .csv file.

The information must be accurate to the information that was entered.

Definition of Done:

Result is accepted by the product owner.

Information is tested thoroughly and inspected.

Level: Large