

2: Run PO

As the Election Official I want to be able to run a Popularity Only election So that the state can add this type of election for future elections.
Acceptance Criteria: <ul style="list-style-type: none">• System accurately determines a winner• Take in at least 10 candidates• System fairly chooses the winner of a tie
Definition of Done: <ul style="list-style-type: none">• All unit and system tests pass• All documentation is generated
Effort: Large
PBI Author(s): Eileen, Hazel, Maranda, Olivia

4: PO Stats

As the Election Official I want to be able to see the PO stats So that the election can be validated and certified
Acceptance Criteria: <ul style="list-style-type: none">• Display the winners/ losers to the screen• Display percentage to the screen
Definition of Done: <ul style="list-style-type: none">• All unit and system tests pass• All documentation is generated
Effort: Small
PBI Author(s): Eileen, Hazel, Maranda, Olivia

5: GUI

As the user I want to search and find files for uploading So that I do not have to keep track of where everything is at, I can just search for it.
Acceptance Criteria: <ul style="list-style-type: none">• System can run multiple files• GUI instead of finding files
Definition of Done: <ul style="list-style-type: none">• GUI is functional• All unit and system tests pass• All documentation is generated

Effort: Large
PBI Author(s): Eileen, Hazel, Maranda, Olivia

8: Audit Invalid Ballots

As an Election official I want the invalid ballots to be tracked So that the election can be audited
Acceptance Criteria: <ul style="list-style-type: none"> Invalidated_dateofelection.txt file is created The file lists all the invalidated ballots
Definition of Done: <ul style="list-style-type: none"> All unit and system tests pass All documentation is generated
Effort: Small
PBI Author(s): Eileen, Hazel, Maranda, Olivia

9: Tracking IRV Ballots

As an election official I want to see a table at the end of the election showing each round of the IRV So that we can keep track of the path of votes without tracking individual ballots.
Acceptance Criteria: <ul style="list-style-type: none"> The table tracks the number of exhausted ballots The table contains each Candidate and their affiliated party There is a column for each round specifying how many votes a candidate gained or lost
Definition of Done: <ul style="list-style-type: none"> All unit and system tests pass All documentation is generated
Effort: Medium
PBI Author(s): Eileen, Hazel, Maranda, Olivia

10: Election Official Report

As an election official I want a short report that can be printed So that I can easily send results to an election certification official to verify results
Acceptance Criteria: <ul style="list-style-type: none"> The report contains all the candidates in the election

- The report contains the type of election, for either IR or OPL
- The report contains the winner(s) of the election
- The report contains the date and number of seat in the election

Definition of Done:

- All unit and system tests pass
- All documentation is generated

Effort: Medium

PBI Author(s): Eileen, Hazel, Maranda, Olivia