Name	Check IR election votes
Description	As an election official I want to be able to see the votes cast in an IRelection So that I can confirm the results
Acceptance criteria	● All of the votes can be shown in a document in a clear easy to understand manor
Definition of done	● All the votes are shown accurately on a document
Size Estimate	Small
PBI Author(s):	Moritz

Name	Check IR election for error
Description	As an outside tester I want to be able to see the how the votes were processed for an IRelection So that I can see if any errors occurred
Acceptance criteria	● Shows how many votes each candidate begins with and how that changes their number of votes. ● Shows who is eliminated and when they are eliminated ● Shows if any tiebreakers happen
Definition of done	● The votes for each candidate in the beginning and after each elimination are written in a audit file ● Candidates winning and elimination is written in the audit file ● Tiebreakers who they include and their results are written ● All of this information is written in an audit file in chronological order
Size Estimate	Medium
PBI Author(s):	Moritz

As an election official, I want run around 100,000 IR Ballots in an IR Election So that I can quickly decide winners of the election

Acceptance Criteria (conditions that have to be fulfilled to ensure the story is complete) - If the audit file can display the winning candidate and also displays the correct winning candidate - If the system can actually run 100,000 ballots without taking too much time or crashing
Definition of Done (what is required by the team before sending out for review) - Requirements have been completed - Functionality has been tested through tests or some other kind of format
Effort: Small
PBI Author(s): Isaiah

As an election official, I want to process multiple election files So that I can bring in different files from different locations
Acceptance Criteria (conditions that have to be fulfilled to ensure the story is complete) - Allow functionality to have system run multiple files - Have those files be processed properly - Output audit file, media files, or anything else that is necessary for the election
Definition of Done (what is required by the team before sending out for review) - System can properly process multiple election files either in succession or at the same time - Properly tested, and documented in javadocs
Effort: Small
PBI Author(s): Isaiah

As an election official, I want the PO election stats displayed to the screen at the end of the election So that I know who won and who lost
Acceptance Criteria:

-Display the percentage of votes each candidate got -Display winners and loser stats to the screen -Displays information at the end of the election -Correctly run a PO election
Definition of Done: -Meets the acceptance criteria -Passes testing per acceptance criteria items
Effort: Small
PBI Author(s): Emma

As an Election Official, I want the ability to process Popularity Only elections, So that I can determine a single winner based on the candidate receiving the most ballots, with a fair coin toss.

Acceptance Criteria
    - Popularity Only (PO) working successfully, with all stated requirements implemented
    - Election must be fair
    - If there's ties, there must be a fair tie breaker

Definition of Done   - Requirements satisfied, and functionality tested
Effort: Medium
Author(s): Ben, Isaiah

As an Election Official, I need the PO election files to be brought in via .csv, So that the election can be processed.
Acceptance Criteria   - Must be able to read in a .csv file with a specific format
Definition of Done FileParser parses PO election files and produces expected output

- Work has been tested and documented
Effort: Small
Author(s): Ben, Isaiah

As an Election Official, I need ballots to have at least half of the candidates ranked for them to be counted, So that only valid ballots (as ordered by state election officials) are counted in the election.
Acceptance Criteria - Only ballots with half (rounded) of candidates ranked are counted - Ballots are filtered during parsing
Definition of Done - Work has been tested and documented
Effort: Small
Author(s) Ben

As an Election Official, I need invalidated ballots to be stored in a separate file, So that the election is thoroughly documented and can be audited.
Acceptance Criteria - Invalidated ballots stored in separate file - File is outputted with name: invalidated_dateofelection.xxx
Definition of Done - Work has been tested and documented
Effort: Small
Author(s) Ben

As an Election Official, I would like to see a table displayed to the screen after IRV round, to see the number of votes

each candidate gained/lost that round, So that it is clear how the election progressed.

Acceptance Criteria
    -   Each round shows each candidate and their respective vote gain/loss
    -   Table is displayed to the screen
    -   Table is only displayed for IRV elections

Definition of Done   -   Work has been tested and documented
Effort: Medium
Author(s) Ben

As an Election Official, I need a short report generated after each election that can be printed, So that election certification officials can verify the election.

Acceptance Criteria
    -   Report contains date, type of election, election type, the candidates, the number of seats, and the winner(s) of the election
    -   Report is generated as a separate file
    -   Report contains only pertinent information

Definition of Done   -   Work has been tested and documented
Effort: Medium
Author(s): Ben