

BUG: Multiple Audit Logs Same Second

As a program tester I want the audit log generation process to support the creation of multiple audit log within the same second So that logs are not overwritten and all election activities are accurately logged, even when running multiple elections
Acceptance Criteria The system generates unique filenames for each audit log, even when multiple audit logs are created in the same second
Definition of Done System tests verify functionality, testing if the audit log generation process supports the creation of multiple audit log within the same second
Effort: Medium
PBI Author(s) Khalid Qasim

BUG: Multiple Elections Same Run

As a program tester I want to be able to run multiple elections in the same run of the program So that I can more efficiently run automated tests
Acceptance Criteria Multiple Elections of varying types are able to be run back-to-back in the same testing file without any data corruption occurring in their results. This includes the orderings of (CPL, CPL), (OPL, CPL), (CPL, OPL), (OPL, OPL).
Definition of Done Valgrind is run on the program and it cannot find any memory issues. System has been tested.
Effort: Medium
PBI Author: Connell Hagen

BUG: See Results of an OPL Election Tie in Audit Log

As an Election Official I want to see the results of an OPL candidate ties in the audit log So that I can properly maintain records and have fully visibility into the seat allocation process for communications to relevant stakeholders
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<p>Acceptance Criteria</p> <p>When a inter-party tie for a seat occurs in an OPL election, the tie-breaker information is summarized and included in the audit log, similarly to how we represent tie-breaker information at the party seat allocation level</p>
<p>Definition of Done</p> <p>Unit and system testing performed to validate that proper OPL candidate tie break information is logged to the audit file</p>
<p>Effort: Medium</p>
<p>PBI Author: Grant Oie</p>

BUG: Extra Commas In Output Array for Tie

<p>As an Election Official</p> <p>I want, in a tie breaker situation, the audit file to output no extra commas at the end of the array</p> <p>So that there are no questions about the credibility of the audit file</p>
<p>Acceptance Criteria</p> <p>When a tie breaker is logged in the audit file the array that it output has no comma after the last number.</p>
<p>Definition of Done</p> <p>Unit testing the formatting of the audit log in a tie breaker situation.</p>
<p>Effort: Small</p>
<p>PBI Author(s) Michael Mulhall</p>

CPL multiple files

<p>As an election official</p> <p>I want to be able to use multiple input files for the same CPL election</p> <p>So that I can use data from multiple balloting locations</p>
<p>Acceptance Criteria (conditions that have to be fulfilled to ensure the story is complete)</p> <p>Program properly takes in multiple multiple files and tabulates all ballots accurately</p> <p>All ballots have to be processed from all files</p>

Definition of Done (what is required by the team before sending out for review) Unit and system testing has been completed on the csv input for CPLelections, documentation completed
Effort: Small
PBI Author(s) Connell Hagen

OPL multiple files

As an election official I want to be able to use multiple input files for the same OPL election So that I can use data from multiple balloting locations
Acceptance Criteria (conditions that have to be fulfilled to ensure the story is complete) Program properly takes in multiple multiple files and tabulates all ballots accurately All ballots have to be processed from all files
Definition of Done (what is required by the team before sending out for review) Unit and system testing has been completed on the csv input for OPLElections, documentation completed
Effort: Small
PBI Author(s) Connell Hagen

MPO files (in general)

As an election official I want to be able to give the program a CSV with MPO data So that I can run an MPO election with data I have in a CSV file
Acceptance Criteria (conditions that have to be fulfilled to ensure the story is complete) Program properly organizes the election based on header data, and properly tabulates the ballot counts
Definition of Done (what is required by the team before sending out for review) Unit and system testing has been completed on the csv input for MPO elections, documentation completed
Effort: Small

PBI Author(s) ALL

MPO multiple files

As an election official I want to be able to use multiple input files for the same MPO election So that I can use data from multiple balloting locations
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Acceptance Criteria (conditions that have to be fulfilled to ensure the story is complete) Program properly takes in multiple multiple files and tabulates all ballots accurately All ballots have to be processed from all files

Definition of Done (what is required by the team before sending out for review) Unit and system testing has been completed on the csv input for MPO elections, documentation completed
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Effort: Small

PBI Author(s) ALL

MPO Election

As an election official I want the ability to run MPO elections with the program So that I can accommodate another type of election for the state.
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Acceptance Criteria (conditions that have to be fulfilled to ensure the story is complete) Program always determines the correct winner of MPO elections. Program is fair and unbiased.
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Definition of Done (what is required by the team before sending out for review) Unit and system testing has been completed on the MPO election algorithm, documentation completed
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Effort: Large

PBI Author(s) ALL

MV files (in general)

As an election official I want to be able to input a .csv file for MV elections So that I can use a common file type to represent ballots
Acceptance Criteria (conditions that have to be fulfilled to ensure the story is complete) Program properly takes in a .csv file, that is formatted correctly, and processes the ballots All ballots have to be processed from a csv file
Definition of Done (what is required by the team before sending out for review) Unit and system testing has been completed on the csv input for MV elections, documentation completed
Effort: Small
PBI Author(s) ALL

MV multiple files

As an election official I want to be able to use multiple input files for the same MV election So that I can use data from multiple balloting locations
Acceptance Criteria (conditions that have to be fulfilled to ensure the story is complete) Program properly takes in multiple multiple files and tabulates all ballots accurately All ballots have to be processed from all files
Definition of Done (what is required by the team before sending out for review) Unit and system testing has been completed on the csv input for MV elections, documentation completed
Effort: Small
PBI Author(s) ALL

MV Election

As an election official I want the ability to run MV elections with the program So that I can accommodate another type of election for the state.
Acceptance Criteria (conditions that have to be fulfilled to ensure the story is complete) Program always determines the correct winner of MV elections. Program is fair and unbiased.
Definition of Done (what is required by the team before sending out for review)

Unit and system testing has been completed on the MV election algorithm, documentation completed
Effort: Large
PBI Author(s) ALL

MPO stats to screen

<p>As an Election Official</p> <p>I want stats displayed to the screen, detailing winners and vote percentages for MPO elections</p> <p>So that constituents know how well their candidate performed</p>
<p>Acceptance Criteria (conditions that have to be fulfilled to ensure the story is complete)</p> <p>Program accurately displays all candidates and party affiliations, if they won, and their vote percentages</p>
<p>Definition of Done (what is required by the team before sending out for review)</p> <p>System tests verify functionality, testing if the MPO stats display to the screen, detailing winners and vote percentages</p>
Effort: Small
PBI Author(s) ALL

MV stats to screen

<p>As an Election Official</p> <p>I want stats displayed to the screen, detailing winners and vote percentages for MV elections</p> <p>So that constituents know how well their candidate performed</p>
<p>Acceptance Criteria (conditions that have to be fulfilled to ensure the story is complete)</p> <p>Program accurately displays all candidates and party affiliations, if they won, and their vote percentages</p>
<p>Definition of Done (what is required by the team before sending out for review)</p> <p>System tests verify functionality, testing if the MPO stats display to the screen, detailing winners and vote percentages</p>
Effort: Small
PBI Author(s) ALL