PBI #1 - Bug: File handler does not handle nonexistent files cleanly	Not Started	In Progress	Completed
As an election official I want to be able to re-enter input file names in case it was improperly entered So that I can avoid re-running the election program.			- Update Main function to handle nonexistent file errors (Alex) - Update documentation to reflect behavior
Acceptance Criteria: - Program prompts user for new filename if the previously entered filename does not exist			
Definition of Done: - Program runs without causing errors. - Program passes all unit, integration, and system tests. - All documentation fully completed. - Performs correctly in line with the acceptance criteria.			
Effort: Small			
PBI Author(s): Alex			
PBI #2 - Bug: Out of bounds error in addToResults in CPL	Not Started	In Progress	Completed
As an election official I want to run a CPL election cleanly and without errors So that the program runs without crashing.			- Update addToResults() function to handle out of bounds error - Conduct extensive unit testing to ensure that errors are avoided
Acceptance Criteria: - Running a CPL election does not cause errors			
Definition of Done: - addToResults function runs without causing errors. - addToResults function passes all unit, integration, and system tests. - All documentation fully completed. - Performs correctly in line with the acceptance criteria.			
Effort: Medium			
PBI Author(s): Alex			
PBI #3 - Bug - Break a Tie	Not Started	In Progress	Completed
As an election official I want to the system to automatically and fairly break ties So that tied PO and CPL elections are resolved fairly, randomly, and free of bias or human error			- Update breakTie() function to correctly and randomly produce a tie break scenario - identify why breakTie() sometimes doesn't work as intended
Acceptance Criteria: - Each tied candidate/party should win the election in an equal proportion of times as the other tied candidates/parties(ties are broken fairly) - Should break ties only when candidates/parties have the same vote count.			
Definition of Done: - Program runs without causing errors. - Program passes all unit, integration, and system tests. - All documentation fully completed. - Performs correctly in line with the acceptance criteria.			
Effort: Small			
PBI Author(s): Robert			
PBI #4 - Input Multiple Files (IR, CPL)	Not Started	In Progress	Completed
As an election official I want to be able to input multiple files for a single election So that files from different polling stations can be read together for calculating a winnner of a single election			- Add functionality to input multiple files (Alex) - Add functionality to open multiple files within the FileHandler via a loop (Alex) - Update documentation for FileHandler classes and associated classes (Alex) - Refactor previously written test cases to handle the new structure of the program (Alex) - Write tests for handling multiple files in each type of election
Acceptance Criteria: - The program can process multiple files for a single election			
Definition of Done: - Program runs without causing errors. - Program passes all unit, integration, and system tests. - All documentation fully completed. - Performs correctly in line with the acceptance criteria.			
Effort: Small			
PBI Author(s): Alex, Gideon			
PBI #5 - Election Table (IR)	Not Started	In Progress	Completed

As an election official I want to be able to know the winner and rounds of elimination in an IR election. So that I can know the winner and order of elimination without opening any files			- Update tests for printElectionResults() - Update printElectionResults() to match desired format - Update documentation for printElectionResults()
Acceptance Criteria: - Program prints the correct candidate as the winner - Program correctly prints each round of the IR voting. - Program prints a table showing each round of the IR voting and the number of votes added/subtracted for each candidate for that round.			
Definition of Done: - Program runs without causing errors. - Program passes all unit, integration, and system tests. - All documentation fully completed. - Performs correctly in line with the acceptance criteria.			
Effort: Large			
PBI Author(s): Alex			
PBI #6 - Process a file (PO)	Not Started	In Progress	Completed
As an election official I want to be able to process a file for a PO election So that the file can be processed to run the election and determine a winner.	- Create tests to ensure PO data is stored correctly - Write documentation for PO file processing		- Add functionality to determine if a file contains information about a PO election. (Alex) - Add functionality to process and store PO election information from the file header (Alex) - Add functionality to process and store PO ballots
Acceptance Criteria: - Program can correctly process input file format (CSV). - Program processes the correct file			
Definition of Done: - Program runs without causing errors. - Program passes all unit, integration, and system tests. - All documentation fully completed. - Performs correctly in line with the acceptance criteria.			
Effort: Medium			
PBI Author(s): Alex			
PBI #7 - Determine the winner of a PO election	Not Started	In Progress	Completed
As an election official I want to count the votes of each candidate and determine the winner of a PO election So that the results of a PO election can be determined with a limited margin of human error	- Create tests to ensure the winner is determined correctly - Write documentation for PO classes		- Add functionality to determine the correct winner from the stored ballots
Acceptance Criteria: - Winner is correctly determined based off votes			
Definition of Done: - Program runs without causing errors. - Program passes all unit, integration, and system tests. - All documentation fully completed. - Performs correctly in line with the acceptance criteria.			
Effort: Large			
PBI Author(s): Gideon			