

Team 5 Bug List

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Bug ID	Description of Bug (be specific About what is not working)	Location of Bug (file, class, method, etc)	Steps to Recreate Bug and/or Test Case #	Root Cause Analysis Notes
B_001	CPL ties do not work. When there are 2 or more parties with a tied amount of remaining votes, it does not correctly randomly assign a seat to one of them.	Class: ClosedPartyList Method: RemainingSeat() CoinFlip()	Have a csv file of ballots that would result in the remaining votes of 2 or more parties to be tied after the first allocation of seats.	The way to check for a tie may be incorrect or the way the sortedParties array in RemainingSeats() is made is incorrect
B_002	CPL does not print winners in order from most seats to least seats	Class: ClosedPartyList Method: assignSeats()	Run any CPL election with multiple parties winning different amounts of seats	Array of winners is not sorted before returned
B_003	Formatting of IR Audit File is missing information (Parties List, Dropped Candidates, Redistribution of Votes per Round, etc.)	Class: Election Method: main()	Run any IR election through the Election main function and read the audit file	This is caused by the Election class not writing this information to the audit file from the election
B_004	Formatting of CPL Audit File is wrong/missing information (Number of Candidates is wrong, Name of party includes a space, Winners list includes comma in candidates and lists a separator '/' even when only one winner)	Class: Election Method: main()	Run any CPL election through the Election main function and read the audit file produced from it	This is caused by the Election class not properly writing the information to the audit file from the election.
B_006	Election Date inputted not in correct format can lead to error	Class: Election Method: main()	Run election using Election main function and input the date to be something out of the format (not a date, date includes '/', etc.)	This is caused because the date is not checked after it is entered by the user, so if it includes something like '/', it could cause the program to look in an incorrect folder.