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| Bug # | Description of Bug | Location of Bug | Steps to Recreate Bug or Test Case # | Root Cause |
| 1 | Election class and GUI are not currently compatible | Main.cpp | Bug from compile of main - not starting the GUI and transferring that data to the election | The GUI does not properly collect the data from the user currently that will be used in variables for an election. The |
| 2 | Coin Toss not Properly random | Election.cpp | Using CT1 test case. Results in the same number of each candidate every time it is run | Rand() doesn't seem to be completely random. Use same process used to shuffle ballots in future |
| 3 | Reading .csv file | Ballotbox.cpp | Sometimes when run, the .csv file will not be read all the time when it is there | I think this is just a personal computer problem. Was working on another computer and working on 5-3 but when I did some final testing on 5-4 it wasn’t working. |
| 4 | Blank .csv files | Ballotbox.cpp | Putting a blank .csv file through the election test algorithm. | It doesnt flag a blank .csv to not run an election which could lead to issues in the future |
| 5 | Plurality multiple candidates | Election.cpp | Input variable with multiple winners and plurality testing | Currently works for the limiting testing but I am unsure if I implemented the right system to display multiple winners - more testing should be done to find bugs. |
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