| Bug | Description of Bug | Location of Bug | Steps to Recreate Bug and/or Test Case # | Root Cause Analysis Notes |
| --- | --- | --- | --- | --- |
| B\_001 | CPL algorithm can fail if too many seats are allocated to a party. E.g. 5 seats are allocated to a party with only 4 candidates. Should only assign 4 seats, but assigns the fifth. Causes an index out of bounds error. | CPLElection class/CPLParty class. Could be implemented in either class. | Run election with input file <testCPL2.csv> | Oversight of this part of the algorithm. |
| B\_002 | File handler (and main) does not handle nonexistent files cleanly. It throws an exception, but should prompt user for another input file, (or q to quit). | Currently implemented in Main, could be implemented in FileHandler | Run election with any non existent file as input | Error checking for nonexistent file could be implemented better. |