

Project Name: Project 1: Voting System

Team# 25

Test Stage: Unit x System

Test Date: 3/25

Test Case ID#: OPLTest.calculateSeatAllocation1

Name(s) of Testers: Josh, Mo, Caden, Roman

Test Description: test for calculate seat allocation for opl
Can be stored using >> ../testing/testinglogs.txt or will be terminal output

Indicate where are you storing the tests (what file) and the name of the method/functions being used.

Automated: yes x no

Results: Pass x Fail

Preconditions for Test: New Object(s)

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1	Init opl and candidates	n.a	n.a	n.a	n.a
2	Set candidate attributes	Ar,br,cr,dr,,ad,bd,cd,dd,ai,bi,ci	Void	Void	Set all names and vote counts
3	Push candidate to lists	All candidates, 'R','D','I'	VOID	Void	Add candidate to respective lists based on party
4	Calculate seat allocation	Opl, {33,28,22},8,"test.txt"	{4,3,3}	{4,3,3}	Calculate opl seat allocation after set up
5	Expect eq	Actual expected	True	True	Pass if true

Post condition(s) for Test:

None

Project Name: The project #, name of your system, and the team#

Test Stage: Indicate whether it is a unit test or a system test.

Test Date: The date the test was performed.

Test Case ID#: A unique ID is required. Decide on a naming convention and use numbering. Example: Ballot_Shuffle_1

Name(s) of Testers: List the names of anyone involved in running this test case.

Test Description: Describe briefly the test objective.

Automated: Indicate if the test is completely automated or being checked manually. (If you have methods running the tests and checking results, select “yes”. If you are manually checking results, indicate manual by selecting the “no.”)

Results: Indicate if the test passed or failed.

Step #: You will be listing the test steps in order. This number is the step number in the process.

Test Step Description: Details of the test step.

Test Data: What the test data will be for this step. Be clear on what the input data will be. If using a specific file, be clear on the name.

Expected Result: What result are you expecting from the program component or system.

Actual Result: What result were returned based on the test.

Post condition for Test: What will be true after the test has been run? Has the state of the system changed in any way?

Notes: Comments and notes for you and your team members.