

**Project Name: Project 1: Voting System**

**Team# 25**

**Test Stage:** Unit \_\_\_\_ System X

**Test Date:** 3/25

**Test Case ID#:** OPLsystest.ManyCand

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

**Test Description:** Test for OPL with many candidates

**Test results can be stored using >> ../testing/testinglogs.txt to append to the log. The results can be located there or run as 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:** Preformatted CSV files

Step #	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1	Set election type	OPL	OPL	OPL	First cell sets the election type
2	Set number of candidates	10	Void	Void	Second cell sets the number of candidates
3	Set each candidate	[Pike, D], [Foster, D], [Charlie, D], [Baker, D], [Dee, D], [Deutsch, R], [Borg, R], [Jones, R], [Smith, I], [Craig, I]	[Pike, D], [Foster, D], [Charlie, D], [Baker, D], [Dee, D], [Deutsch, R], [Borg, R], [Jones, R], [Smith, I], [Craig, I]	[Pike, D], [Foster, D], [Charlie, D], [Baker, D], [Dee, D], [Deutsch, R], [Borg, R], [Jones, R], [Smith, I], [Craig, I]	Third cell sets the candidate's information
4	Sets the number of seats	5	5	5	Fourth cell sets the number of seats available
5	Set the total number of ballots	40	40	40	Fifth cell sets the number of ballots expected. This has to be accurate from data preformatting
6	Set the ballot information	40 Ballots	Democrat wins	Democrat wins	Each row after the fifth row is a new ballot, the ballots must be preformatted.

**Post condition(s) for Test:**

None

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**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.