Project Name:	Project 1:	Voting System	Team#
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Test Stage: Unit __ System _x_ Test Date: 3/27/2024

Test Case ID#: ST_01 Name(s) of Testers: Derrick Dischinger

Test Description: Manually testing the system with an accurately

formatted CPL document

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

Automated: yes___ no _x_

Results: Pass x Fail

Preconditions for Test: A properly formatted CPL document is in the BallotFile folder, all classes are assumed to have been completed

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
2	l I		"Please enter the name of the ballot file:" is printed to the terminal	"Please enter the name of the ballot file:" is printed to the terminal	
3	Input the file name	"CPLInput01.txt	Audit File Saved:/Documents/AuditFiles/CPL_	/Users/derrickdischinger/Documents/AuditF	The xxx at the end are numbers of the filename that change based on the computer system time
4		CPL_Election_Results_1711 576440435.txt	should be ResultDataCPL.toString()	It is equal to the ResultDataCPL.toString()	
			Winning Seat Seat Winners Winners Winners Won	Winning Seat Seat Seat Parties Winners Won	
	Terminal also outputs the direct results	terminal output	Republican Allen	Republican Allen 1 Green Sally 2 Democratic Mary 3	

	Green Sally 2 Democratic Mary 3	

Post condition(s) for Test:

Properly formatted output document

Project Name: Project 1: Voting System	Team#
Test Stage: Unit System _x_	Test Date: 3/27/2024
Test Case ID#: ST_02 Test Description: Manually testing the system with an accuratel formatted OPL document	Name(s) of Testers: Derrick Dischinger y
Automated: yes no x	Indicate where are you storing the tests (what file) and the name of the method/functions being used.
Results: Pass x Fail	
Preconditions for Test: A properly formatted OPL document completed	is in the BallotFile folder, all classes are assumed to have been

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
2				"Please enter the name of the ballot file:" is printed to the terminal	
3	Input the file name	"OPLInput01.txt	ε		The xxx at the end are numbers of the filename

4 C			Saved:/Documents/AuditFi Election Results xxx.t should be ResultDataOPL.toStrin	les/OPL_ txt		sults_xxx.txt		that change based on the computer system time
	neon output me	70110133.44	Winning S	eat mber Vinners	Winning Number Parties Of Votes	Seat Winners	Seat Won	
	erminal also outputs the direct	terminal output	Pluto N 1 24 Green 2 24 Green 3 24 Pluto 1 1 1 1 1 1 1 1 1	Mariah 136 Jonah 014 Radius 006 Becky 971	Pluto 24136 Green 24014 Green 24006 Pluto 23971	Mariah Jonah Radius Becky	1	

Post condition	$\overline{(s)}$) for	Test:
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Properly formatted output document

Project Name: Project 1: Voting System

Team#

Test Stage: Unit __ System _x_ Test Date: 3/27/2024

Test Case ID#: ST 03 Name(s) of Testers: Derrick Dischinger

Test Description: Manually testing the system with an accurately

formatted OPL document but the user inputs an incorrect

filename first

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

	Automated:	yes	no	\mathbf{X}	
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Results: Pass x Fail

Preconditions for Test: A properly formatted OPL document is in the BallotFile folder, all classes are assumed to have been completed

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
2	Run main.java with no arguments	Please enter the name of the ballot file:	terminal	"Please enter the name of the ballot file:" is printed to the terminal	
3	Input the incorrect file name	terminal output, user input		Error: Invalid file. Input file must be a valid CSV Please enter another file name or the letter "q" to quit	
4	Input the correct file name	"OPLInput01.txt	Audit File Saved: Audit File Saved:	Generating Results Audit File Saved: /Audit File Saved: /Users/derrickdischinger/Documents/AuditFiles/OPL_Election_Results_xxx.txt	
		OPL Election Results xxx.txt		It is equal to the ResultDataOPL.toString()	
			Winning Seat		
			Pluto Mariah 1	Pluto Mariah 1	
	Terminal also outputs the direct results	terminal output	Pluto Becky 4	Pluto Becky 4 23971	

ost condition(s) for Te	st:			
operly formatted output				
Project Name: Pr	oject 1: Voting Sy	ystem		Team#
Test Stage: Unit	System _x_		Test Date: 3/27/2024	
Test Case ID#: ST_0 Test Description: Ma formatted CPL docum	nually testing the syst		Name(s) of Testers: Derrick y	k Dischinger
Automated: yes	no x		Indicate where are you stori name of the method/function	ing the tests (what file) and the ns being used.
Results: Pass x	Fail Fail			
	t: A properly format	ted CPL document	is in the BallotFile folder, all o	classes are assumed to have been
Step Test Step	Test	Expected	Actual	

Step # 1	Test Step Description	Test Data	Expected Result	Actual Result	Notes
1 7		Please enter the name of the	"Please enter the name of the ballot file:" is printed to the terminal	"Please enter the name of the ballot file:" is printed to the terminal	

3	Input the incorrect file name	terminal output, user input	Error: Invalid file. Input file must be a valid CSV clease enter another file name or ne letter "q" to quit Error: Invalid file. Input file must be a valid CSV CSV Please enter another file name or the letter "q" to quit "q" to quit	ı
4	Input the correct file name	"CPLInput01.txt	Generating Results Audit File Saved: Audit File Saved: /Audit File Saved: /Users/derrickdischinger/Documents/Audit iles/OPL_Election_Results_xxx.txt	7
	Check output file	CPL Election Results xxx.txt	hould be It is equal to the ResultDataCPL.toString() lesultDataCPL.toString()	
			Winning Seat Winning Seat Seat Number Seat Number Parties Winners Winners Won Of Votes Won Of Votes	
			Pluto Mariah Pluto Mariah 1	
			2 24014 24014	
	Terminal also outputs the direct results	terminal output	4 237/1 237/1	

Project Name: Project 1: Voting System

Team#

Test Stage: Unit __ System _x_ Test Date: 3/27/2024

Test Case ID#: ST_05 Name(s) of Testers: Derrick Dischinger

Test Description: Manually testing the system with an incorrect

formatted CPL document

Indicate where	are you storing	g the tests	(what file)	and the
name of the me	thod/functions	being use	d.	

Automated: yes no x

Results: Pass x Fail

Preconditions for Test: A not formatted CPL document is in the BallotFile folder, all classes are assumed to have been completed

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
1 7		Please enter the name of the	"Please enter the name of the ballot file:" is printed to the terminal	"Please enter the name of the ballot file:" is printed to the terminal	
			Generating Results Not enough digits	Generating Results Not enough digits	program exits
3	Input the file name	"CPLInput02.txt			
4					

Post condition(s) for Test:		
program exits gracefully		

Team#
Test Date: 3/27/2024
Name(s) of Testers: Derrick Dischinger
Indicate where are you storing the tests (what file) and the name of the method/functions being used.
•

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
1 ')			"Please enter the name of the ballot file:" is printed to the terminal	"Please enter the name of the ballot file:" is printed to the terminal	
			program exits	program exits	
3	Input q				
4					
					_

Post condition(s) for Test:

program exits gracefully

	Project N	lame: l	Project 1	: Voti	ng System
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Team#

Test Stage: Unit __ System _x_ Test Date: 3/27/2024

Test Case ID#: ST_07 Name(s) of Testers: Derrick Dischinger

Test Description: Manually testing the system with an input

document that has no votes

Indicate where are you storing the tests (what file) and the

name of the method/functions being used.

Automated: yes no x

Results: Pass x Fail

Preconditions for Test: A voteless CPL document is in the BallotFile folder, all classes are assumed to have been completed

Step	Test Step	Test	Expected	Actual	
#	Description	Data	Result	Result	Notes
1					
1 ')	Run main.java with no arguments			"Please enter the name of the ballot file:" is printed to the terminal	
				Generating Results Not enough digits	
3	Input filename	filename			
4					

Post condition(s) for Test:

program exits gracefully

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.