

The PBI, the Task Description (from Sprint Log) with Unique Testing Number:	Display IR table of election results. Testing that results table matches audit results. 001
Team Member(s) Responsible:	Liam O'Neil
Inputs:	IRV.csv IRV2.csv IRV3.csv IRV4.csv IR_tie.csv
Tests:	Manual test of output and audit file results.
Outputs:	Table results consistent with audit results in all instances.
Passed or Failed	Passed
Date	4/26

The PBI, the Task Description (from Sprint Log) with Unique Testing Number:	Tie-breaker for CPL. Unit test of tie-breaker. 002
Team Member(s) Responsible:	Liam O'Neil
Inputs:	List<PoliticalParty>'s containing 2, 3, and 4 parties with 1 candidate to remove.
Tests:	Automated unit test to ensure each party was removed at a fair rate over 10,000 iterations.
Outputs:	2 parties: removed each at a rate of roughly 50%. 3 parties: removed each at a rate of roughly 33%. 4 parties: removed each at a rate of roughly 25%.
Passed or Failed	Passed
Date	4/25

The PBI, the Task Description	PO Election Class
-------------------------------	-------------------

(from Sprint Log) with Unique Testing Number:	Popularity-Only Election Constructor Testing 003
Team Member(s) Responsible:	Soorya Sundravel, Hyehwan Ryu
Inputs:	totalVotes, ballots, candidates, auditFile
Tests:	Automated Unit test of constructor for PopularityOnly class
Outputs:	Constructor initialized values are correct
Passed or Failed	Passed
Date	4/27

The PBI, the Task Description (from Sprint Log) with Unique Testing Number:	PO Election Class Popularity-Only Election Majority Winner Testing 004
Team Member(s) Responsible:	Soorya Sundravel, Hyehwan Ryu
Inputs:	3, ballots, candidates, auditFile
Tests:	Automated unit test for PopularityOnly to check if majority candidate is properly selected.
Outputs:	The program correctly selects the majority candidate with most votes
Passed or Failed	Passed
Date	4/27

The PBI, the Task Description (from Sprint Log) with Unique Testing Number:	PO Tie Breaker Break ties in Popularity-Only by randomly selecting winning candidate 005
Team Member(s) Responsible:	Soorya Sundravel, Hyehwan Ryu
Inputs:	2, ballots, candidates, auditFile

Tests:	Automated unit test for PopularityOnly to check if winning candidate is randomly selected
Outputs:	The program correctly selects a random candidate who is tied to be the winner
Passed or Failed	Passed
Date	4/27

The PBI, the Task Description (from Sprint Log) with Unique Testing Number:	PO candidate class PO candidate constructor, and getter/setter testing 006
Team Member(s) Responsible:	Soorya Sundravel, Hyehwan Ryu
Inputs:	"biden", 2
Tests:	Test if constructor initializes value, also test if setters set value, and getters return the right value.
Outputs:	The values are properly initialized through constructor, setters properly change the value, and getters correctly return the right value
Passed or Failed	Passed
Date	4/27

The PBI, the Task Description (from Sprint Log) with Unique Testing Number:	Multiple File Inputs Multiple files testing for IR Election 007
Team Member(s) Responsible:	Soorya Sundravel, Bilal Osman
Inputs:	IRV.csv IRV2.csv IRV3.csv
Tests:	Automated test to check if FileParser can accept multiple file inputs for IR Election

Outputs:	The output correctly determines the winning candidate for voting information across multiple files.
Passed or Failed	Passed
Date	4/27

The PBI, the Task Description (from Sprint Log) with Unique Testing Number:	Multiple File Processing: CPL Multiple files testing for CPL Election 008
Team Member(s) Responsible:	Soorya Sundravel, Bilal Osman
Inputs:	CPL.csv CPL2.csv CPL3.csv
Tests:	Automated test to check if FileParser can accept multiple file inputs for CPL Election
Outputs:	The output correctly determines the winning candidate for voting information across multiple files
Passed or Failed	Passed
Date	4/27

The PBI, the Task Description (from Sprint Log) with Unique Testing Number:	Multiple File Input: PO Ballots Multiple files testing for PO Election 009
Team Member(s) Responsible:	Soorya Sundravel, Bilal Osman
Inputs:	PO.csv PO2.csv PO3.csv
Tests:	Automated test to check if FileParser can accept multiple file inputs for PO Election
Outputs:	The output correctly determines the

	winning candidate for voting information across multiple files
Passed or Failed	Passed
Date	4/27

The PBI, the Task Description (from Sprint Log) with Unique Testing Number:	Multiple File Proessing: Remove Invalid IR Ballots Unit Test of invalidIRBallots 010
Team Member(s) Responsible:	Soorya Sundravel, Bilal Osman
Inputs:	temp.csv, Invalid_ranks, candidates
Tests:	Testing to check if invalid ballots are properly removed from the list of ballots in IR Election
Outputs:	Invalid ballots are correctly removed
Passed or Failed	Passed
Date	4/27