

The PBI, the Task Description (from Sprint Log) with Unique Testing Number: PBI #4 Audit adds every step of an election as it runs and updates counts correctly (test_1)
Team Member(s) Responsible: Jacynda Alatoma
Inputs: IRVTest1.csv, IRVTest4.csv, CPLTest3.csv, CPLTest6.csv, POTest1.csv, POTest2.csv, Unit Tests
Tests: Tests for transfer of votes, all the ballots for the election, and correct description of the winner
Outputs: Descriptive audit files with all steps documented
Passed or Failed
Date: 4/22/23

The PBI, the Task Description (from Sprint Log) with Unique Testing Number: PBI #5 Header of the file correctly names the election, if multiple, adds an indicator that it's a different election (test_2)
Team Member(s) Responsible: Jacynda Alatoma
Inputs: IRVTest2.csv, IRVTest8.csv, IRVTest3.csv, CPLTest1.csv, CPLTest4.csv, CPLTest7.csv, POTest1.csv, POTest2.csv, Unit Tests
Tests: Tests for different naming of elections that are on the same day
Outputs: Naming of the audit files have descriptive numbers for multiple on the same day
Passed or Failed
Date: 4/17/23

The PBI, the Task Description (from Sprint Log) with Unique Testing Number: PBI #9 Checking for invalid ballots (test_3)
Team Member(s) Responsible: Long Nguyen
Inputs: IRVTest1.csv, IRVTest2.csv, IRVTest3.csv, IRVTest4.csv, IRVTest5.csv, Unit Tests
Tests: Tests if ballots are eliminated properly and stored in correct file
Outputs: Ballots are eliminated if invalid and stored into file
Passed or Failed
Date: 4/24/23

The PBI, the Task Description (from Sprint Log) with Unique Testing Number: PBI #6 Multiple file input and combining them into one file for IRV (test_4)
Team Member(s) Responsible: Long Nguyen
Inputs: IRVTest1.csv IRVTest2.csv, Unit Tests
Tests: Tests if files are combined properly and correct output
Outputs: File is combined properly and election results are correct
Passed or Failed
Date: 4/27/23

The PBI, the Task Description (from Sprint Log) with Unique Testing Number: PBI #6 Multiple file input and combining them into one file for CPL (test_5)
Team Member(s) Responsible: Long Nguyen
Inputs: CPLTest1.csv CPLTest6.csv Unit Test
Tests: Tests if files are combined properly and correct output
Outputs: File is combined properly and election results are correct
Passed or Failed
Date: 4/27/23

The PBI, the Task Description (from Sprint Log) with Unique Testing Number: PBI #6 Multiple file input and combining them into one file for PO (test_6)
Team Member(s) Responsible: Long Nguyen
Inputs: POTest1.csv POTest2.csv Unit Tests
Tests: Tests if files are combined properly and correct output
Outputs: File is combined properly and election results are correct
Passed or Failed
Date: 4/27/23

The PBI, the Task Description (from Sprint Log) with Unique Testing Number: PBI #1 Calculating the votes per candidate for each round of an IRV election (test_7)
Team Member(s) Responsible: Naren Nandyal
Inputs: IRVTest1.csv IRVTest2.csv IRVTest3.csv IRVTest4.csv IRVTest5.csv IRVTest6.csv IRVTest7.csv IRVTest8.csv Unit Tests
Tests: <ol style="list-style-type: none"> 1. Tests for IRV elections where there are no ties and the votes for each round 2. Tests for IRV election where there are ties and the votes for each round 3. Tests for inputs with many rounds that need to be printed out
Outputs: A table displayed at the end of the IRV Election with all the election math stored and the candidate votes per round are displayed.
Passed or Failed
Date: 4/27/23

The PBI, the Task Description (from Sprint Log) with Unique Testing Number: PBI #1 Calculating the change in votes per candidate for each round of an IRV election (test_8)
Team Member(s) Responsible: Naren Nandyal
Inputs: IRVTest1.csv IRVTest2.csv IRVTest3.csv IRVTest4.csv IRVTest5.csv IRVTest6.csv IRVTest7.csv IRVTest8.csv Unit Tests
Tests: <ol style="list-style-type: none"> 1. Tests for IRV elections where there are no ties and the votes for each round 2. Tests for IRV election where there are ties and the votes for each round 3. Tests for inputs with many rounds that need to be printed out
Outputs: A table displayed at the end of the IRV Election with all the election math stored and the change in votes for candidates is displayed.
Passed or Failed
Date: 4/27/23

The PBI, the Task Description (from Sprint Log) with Unique Testing Number: PBI #1 Calculating the votes in the exhausted pile over the rounds (test_9)
Team Member(s) Responsible: Naren Nandyal
Inputs: IRVTest1.csv IRVTest2.csv IRVTest3.csv IRVTest4.csv IRVTest5.csv IRVTest6.csv IRVTest7.csv IRVTest8.csv Unit Tests
Tests:

<ol style="list-style-type: none"> 1. Tests for IRV elections where there are no ties and the votes for each round 2. Tests for IRV election where there are ties and the votes for each round 3. Tests for inputs with many rounds that need to be printed out
Outputs: A table displayed at the end of the IRV Election with all the election math stored and the exhausted votes are displayed for each round.
Passed or Failed
Date: 4/27/23

The PBI, the Task Description (from Sprint Log) with Unique Testing Number: PBI #1 Displaying a formatted table for IRV election statistics (test_10)
Team Member(s) Responsible: Naren Nandyal
Inputs: IRVTest1.csv. IRVTest2.csv IRVTest3.csv IRVTest4.csv IRVTest5.csv IRVTest6.csv IRVTest7.csv IRVTest8.csv Unit Tests
Tests: <ol style="list-style-type: none"> 1. Tests for IRV elections where there are no ties and the votes for each round 2. Tests for IRV election where there are ties and the votes for each round 3. Tests for inputs with many rounds that need to be printed out
Outputs: A formatted table with all the statistics about an IRV election.
Passed or Failed
Date: 4/27/23

The PBI, the Task Description (from Sprint Log) with Unique Testing Number: PBI #3 Randomly select a winner in an IRV election if there is a tie. (test_11)
Team Member(s) Responsible: Naren Nandyal
Inputs: IRVTest1.csv. IRVTest2.csv IRVTest7.csv IRVTest8.csv Unit Tests
Tests: <ol style="list-style-type: none"> 1. Tests an IRV election where there is a tie between the last two candidates remaining 2. Tests an IRV election where there is a tie between candidates getting eliminated 3. Tests an IRV election with no ties.
Outputs: A single candidate that is selected as a winner, even if there is a tie between candidates.
Passed or Failed
Date: 4/20/23

The PBI, the Task Description (from Sprint Log) with Unique Testing Number: PBI #3 Randomly select a party in a CPL election if there is a tie. (test_12)
Team Member(s) Responsible: Naren Nandyal
Inputs: CPLTest1.csv CPLTest3.csv Unit Tests
Tests: <ol style="list-style-type: none"> 1. Tests a CPL election if there is a tie between two parties when distributing seats. 2. Tests a CPL election where there is no tie.
Outputs: If there is a tie between two parties when distributing seats, one party is randomly selected
Passed or Failed
Date: 4/21/23

The PBI, the Task Description (from Sprint Log) with Unique Testing Number: PBI #2 Check for more seats than candidates in CPL (test_13)
Team Member(s) Responsible: Ananya Vegesna
Inputs: CPLTest5.csv CPLTest6.csv Unit Tests
Tests: <ol style="list-style-type: none"> 1. Tests in CPL election if there are more seats awarded to a party than candidates
Outputs: If there are more seats than candidates, the program recognizes that
Passed or Failed
Date: 4/24/23

The PBI, the Task Description (from Sprint Log) with Unique Testing Number: PBI #2 Correctly distribute seats to second place party (test_14)
Team Member(s) Responsible: Ananya Vegesna
Inputs: CPLTest5.csv CPLTest6.csv Unit Tests
Tests: <ol style="list-style-type: none"> 1. When there are extra seats, they are awarded to second ranked party
Outputs: Seats are awarded correctly to the second place party
Passed or Failed
Date: 4/24/23

The PBI, the Task Description (from Sprint Log) with Unique Testing Number: PBI #10 Count votes and find the winner of a Popularity Only election (test_15)
Team Member(s) Responsible: Naren Nandyal
Inputs: POTest1.csv POTest2.csv POTest3.csv POTest4.csv POTest5.csv Unit Tests
Tests: <ol style="list-style-type: none"> 1. Tests for a PO election with a clear winner 2. Tests for a PO election where there is a tie between two candidates 3. Tests for a PO election where there is a tie between 3 candidates 4. Tests for a PO election with a larger amount of ballots
Outputs: All votes for candidates are counted and a winner is found and selected. The winner is also displayed.
Passed or Failed
Date: 4/29/23

The PBI, the Task Description (from Sprint Log) with Unique Testing Number: PBI #10 Calculate the percentage of votes each candidate got in a PO election (test_16)
Team Member(s) Responsible: Naren Nandyal
Inputs: POTest1.csv POTest2.csv POTest3.csv POTest4.csv POTest5.csv
Tests: <ol style="list-style-type: none"> 1. Tests for a PO election with a clear winner 2. Tests for a PO election where there is a tie between two candidates 3. Tests for a PO election where there is a tie between 3 candidates 4. Tests for a PO election with a larger amount of ballots
Outputs: The percentage of votes for each candidate in the PO election is calculated and displayed after the election is run.
Passed or Failed
Date: 4/29/23