

| Rank | Title | User Story | Acceptance Criteria: | Definition of Doni Effort: | PBI Authors | Tasks: Red = Not Started, Yellow = In progress, Green = Completed | Add initial to track who is assigned to Sprint | Initial at start of task indicates who is working on it A-Anna, N-Navin, J-John, K-Kyle |
|------|---|---|--|-----------------------------------|------------------|---|--|---|
| 1 | PBI 5 - OPL algorithm runs correctly | As an Election Official, I want to be able to calculate the results So that I know the winners of an OPL elec | Acceptance Criteria: The winners of an OPL election are successfully calculated for all | Definition of Doni Effort: Large | PBI Author (s) N | A - Task 1: Chan A - Task 2: Run O N - Task 3: identify N - Task 4: Run ar A - Task 5: Add of A - Task 6: Run a A, N - Task 7: up | date documentation including bug list and test log | |
| 2 | PBI 9 - IRV algorithm correctly identifies when a candidate has reached droop | As an Election Official, I want to be able to calculate the results So that I can know who won the IRV elec | Acceptance Criteria: The IRV algorithm runs correctly for all cases including edge case | Definition of Doni Effort: Large | PBI Author (s) N | A - Task 1: Review A - Task 2: Run A - Task 3: Update | Documentation including test log and buglist | |
| 3 | PBI 6 - IRV algorithm audit file is produced correctly | As an Election Official, I want to be able to view an audit file So that I can verify that the IRV election | Acceptance Criteria: The audit file accurately reflects the IRV election algorithm's calcu | Definition of Doni Effort: Medium | PBI Author (s) N | J - Task 1: Chang J - Task 2: Run a J - Task 3: Make t J - Task 4: Run ar J - Task 5: Update | documentation including buglist and testing log | |
| 4 | PBI 7 - Multiple election files are able to be processed | As an Election Official, I want to be able to input multiple csv file So that I can calculate the election that c | Acceptance Criteria: Multiple csv files are able to be processed by the system | Definition of Doni Effort: Large | PBI Author (s) N | A - Task 1: Be abl N - Task 2: Create N - Task 3: Design N - Task 4: change N - Task 5: create N - Task 6: Update A - Task 7: Run | system integration test | |
| 5 | PBI 8 - IRV Remove Invalid Ballots | As an Election Official, I want to be able to remove all invalid ba So that I can verify that the IRV election | Acceptance Criteria: The IRV removes invalid ballots The algorithm ensures that at least half of the candidates are rank | Definition of Doni Effort: Medium | PBI Author (s) N | K - Task 1: Design K - Task 2: write c K - Task 3: write i K - Task 4: Write i K - Task 5: write i K - Task 6: update | documentation | |
| 6 | PBI 4 - Reading in the input file for PO | As an Election Official, I want the program to read in the data o So that the rest of the algorithm can run | Acceptance Criteria: Able to read the first line of the CSV file to determine the voting ty Able to determine the list of candidates based on the second line Able to determine the number of candidates based on third line Able to determine the ballot's choice of vote based on the structur | Definition of Doni Effort: Small | PBI Author (s) N | A - Task 1: write c N - Task 2: write a N - Task 3: write a N - Task 4: Update | documentation | |
| 7 | PBI 3 - Processing ballots for PO | As an Election Official, I want the program to be able to process So that I do not have to process them m | Acceptance Criteria: The CSV file header and body is correctly processed by voting sy Handle ballots without errors. | Definition of Doni Effort: Medium | PBI Author (s) N | J - Task 1: write t J - Task 2: write c Task 3: write and Task 4: Update | documentation | |
| 7 | PBI 1 - PO voting type election | As an Election Official, I want to be able to run a PO voting type So that one winner could chosen based | Acceptance Criteria: The candidate who received the most votes | Definition of Doni Effort: Large | PBI Author(s) N | J - Task 1: Design J - Task 2: Write Task 3: run and p Task 4: Run and Task 5: Update | documentation | |