

| PBIs | | To-Do | In-Progress | Done |
|--------------------------------------|--|---|--|------|
| PBI 1: Multiple Input Files | | | | |
| User Stories | As an election official, I want to be able to bring in multiple files so that I can have multiple ballot locations. | | Kobin: Mechanism to accept multiple file names | |
| Acceptance Criteria | The user can submit multiple CSV files containing ballot info to the voting system. After the user enters a valid filename, they will be prompted if there is another file they would like to add. If yes the file entering process repeats. If not, the program proceeds. | | Brandon: Parse files and create ballot objects for IR | |
| Definition of Done | This feature meets the acceptance criteria mentioned above. Unit testing, system testing, regression testing and the documentation for this feature are all completed. Code refactored appropriately. | | Jason: Parse files and create ballot objects for OPL | |
| Effort | Medium | | | |
| PBI Author(s) | Brandon, Jason, Gavin, Kobin | | Gavin: Create tests and make sure the code works on Vole | |
| | | | Kobin: Document the code | |
| PBI 2: Invalidate IRV Ballots | | | | |
| User Stories | As an election official, I want the system to remove ballots with less than half of the candidates ranked so that we only count valid ballots. | Function that checks if a ballot is invalid | | |
| Acceptance Criteria | Invalidate ballots with less than half the number of candidates. If there is an odd number of candidates, this threshold is rounded up to the next whole number. The IR algorithm calculates the results ignoring these invalidated ballots. | Refactor the IR ballot creation system to use the new checking function and not add the ballot to the list if it is invalid | | |
| Definition of Done | This feature meets the acceptance criteria mentioned above. Unit testing, system testing, regression testing, and the documentation for this feature are all completed. Code refactored appropriately. | Create tests and make sure the code works on Vole | | |
| Effort | Medium | Document the code | | |
| PBI Author(s) | Brandon, Jason, Gavin, Kobin | | | |
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| PBI 3: Process PO Ballots | | | | |
| User Stories | As an election official, I want to be able to give the system a file with a PO election's ballots so that they can be counted to determine the most popular candidate. | Create POBallot class | | |
| Acceptance Criteria | Must be able to read in a csv file by name with the following format: PO Number of candidates Candidates and their parties in form: [name1,party],[name2,party],... Number of ballots Ballot 1 ... Ballot 2 ... etc... | Have the system parse through PO ballot data file and create POBallot objects | | |
| Definition of Done | This feature meets the acceptance criteria mentioned above. Unit testing, system testing, regression testing, and the documentation for this feature are all completed. | Create tests and make sure the code works on Vole | | |
| Effort | Medium | Document the code | | |
| PBI Author(s) | Brandon, Jason, Gavin, Kobin | | | |