[1]

As the election official, I want the MPO election to find a winner because the Secretary of State wants that type of election to work
Acceptance Criteria: The election counting are fair, The application can generate real winner, Correct winner found, Runs on CSE lab machines
Definition of Done: Name of the winner printed out, coding complete, documentation, unit testing, system testing.
Effort: Medium
PBI Author(s) Max Bryson, Christopher Miao, Ruichen He, Hannah Nelson

[2]

As the election official, I want to see the vote distribution so I can see how the candidate did.
Acceptance Criteria: The MPO stats are printed out to the screen
Definition of Done: MPO stats are displayed to the terminal, coding complete, Documentation, and testing complete.
Effort: Small
PBI Author(s) Max Bryson, Christopher Miao, Ruichen He, Hannah Nelson

[3]

As the election official, I don't want to count the invalid votes, as required by the Secretary of State.
Acceptance Criteria: Election finds a correct winner with only valid votes in an unbiased manner.
Definition of Done: Election is able to validate the votes, find the winner using only valid votes, coding complete. Documentation and Testing is complete.
Effort: Small
PBI Author(s): Ruichen He, Max Bryson

[4]

As the election official, I want to remove the invalid vote from IRV so I can see which votes are invalid.
Acceptance Criteria: Invalid ballots will be removed and stored in an audit file
Definition of Done: Show the removed invalid ballots in an audit file, coding complete. Documentation and Testing is complete.
Effort: Small
PBI Author(s): Ruichen He, Hannah Nelson

[5]

As the election official, I want an audit file of the MPO election for the records as required by the Secretary of State.
Acceptance Criteria: A file containing the distribution of votes is generated
Definition of Done: An output file contains the distribution of votes as the election is processed, coding complete. Testing and Documentation is complete.
Effort: Small
PBI Author(s) Max Bryson, Christopher Miao, Ruichen He, Hannah Nelson

[6]

As an election official, I want to select multiple files for each IRV election since each election may have multiple vote locations, I need to combine them together easily.
Acceptance Criteria: Multiple files are able to be selected for use in the IRV elections and winners are found between all of the files
Definition of Done: User can select at least two files and winners are found between all of the files, coding complete. Documentation and Testing is complete.
Effort: Small
PBI Author(s): Christopher Miao, Hannah Nelson

[7]

As an election official, I want to select multiple files for each OPL election so that there can be multiple locations for the same election.
Acceptance Criteria: Multiple files are able to be selected for use in the OPL elections and winners are decided between all of the files
Definition of Done: User can select at least two files and winners are found between all of the files, coding complete. Documentation and Testing is complete.
Effort: Small
PBI Author(s): Christopher Miao, Hannah Nelson

[8]

As an election official, I want to select multiple files for each MPO election so that there can be multiple locations for the same election.
Acceptance Criteria: Multiple files are able to be selected for use in the MPO elections and winners are decided between all of the files
Definition of Done: User can select at least two files and winners are found between all of the files, coding complete. Documentation and Testing is complete.
Effort: Small
PBI Author(s): Christopher Miao, Hannah Nelson

[9]

As the election official, I want to see the total votes each candidate has each round in order to verify the distribution of votes.
Acceptance Criteria: totals at the end of every redistribution are printed and formatted to a table
Definition of Done: Totals at the end of every round are printed, coding complete,. Documentation and Testing is complete.
Effort: Small
PBI Author(s): Max Bryson

[10]

As the election official, I want to see the change in votes each candidate had every round in order to verify the votes are being correctly distributed.
Acceptance Criteria: Change in total at the end of every redistribution is printed and formatted to a table.
Definition of Done: Candidate change in votes is printed, coding complete. Documentation and Testing is complete.
Effort: Small
PBI Author(s): Max Bryson

[11]

As the election official, I want to see a running total of the exhausted votes in order to verify the vote processing.
Acceptance Criteria: Exhausted vote totals are counted and printed to the table every round
Definition of Done: The running total of exhausted votes is printed, coding complete. Documentation and Testing is complete.
Effort: Small
PBI Author(s): Max Bryson, Hannah Nelson

[12]

As the election official, I want it to be user-friendly for ease of use.
Acceptance Criteria: A GUI window that lets you select file names that are automatically scanned in.
Definition of Done: Select the file without typing file name into the terminal, coding complete. Documentation and Testing is complete.
Effort: Extra Large
PBI Author(s) Max Bryson, Christopher Miao, Ruichen He, Hannah Nelson