PBI 15

As an election official I want the Popularity Voting algorithm to handle ties fairly, So that the election results are accurate and unbiased even in the event of a tie.
Acceptance Criteria The PO voting algorithm should determine the candidates with the tied votes
Definition of Done The algorithm for breaking ties has been developed and tested. Documentation for the algorithm and tie-breaking method has been created. The algorithm and tie-breaking method have been integrated with the existing systems.
Effort: Medium
PBI Author(s) Aahan Tyagi

PBI 16

As an election official I want the Popularity Only voting algorithm to generate an audit file So that the election results can be audited and verified for accuracy and integrity.
Acceptance Criteria : The PO voting algorithm should generate an audit file that records all relevant data related to the election (e.g. number of votes cast, candidate names, vote counts, tie-breaker method used, etc.).
Definition of Done : The audit file functionality has been developed and tested. Documentation for the audit file has been created. The audit file functionality has been integrated with existing voting systems.
Effort: Small

PBI Author(s) Aahan Tyagi

PBI 17

As an election official,
I want to be able to view statistics at the end of a Popularity Only (PO) election,
So that I can analyze the results and gain insights into the election.

Acceptance Criteria : The PO voting algorithm should provide statistics such as the number

of votes cast, voter turnout, candidate vote counts, and any tie-breaker methods used.

Definition of Done : The statistics functionality has been developed and tested. Documentation for the statistics has been created. The statistics functionality has been integrated with existing voting systems
Effort: Medium
PBI Author(s) Aahan Tyagi