1

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| As the product owner I would like both algorithms to work, as they are needed to hold an election. |
| Acceptance Criteria:   * Algorithms work * Correctly determines winners |
| Effort: L |

2

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| As the product owner, I would like ballots to be valid when the election is running, as invalid ballots would skew the election. |
| Acceptance Criteria:   * Ballots included if ≥ half candidates ranked * Other ballots ignored * Determined at election time |
| Effort: M |

3

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| As a user I want to only have to input the name of the csv file containing the ballots because entering all the other parameters manually is tedious when needed to be done repeatedly. |
| Acceptance Criteria:   * If user provides no command line argument, the terminal will prompt the user for the file name * The program immediately starts running and provides results of the election if a filename is provided as an argument. |
| Effort: S |

4

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| As an election official I would need the system to be able to handle up to 100,000 ballots in a timely manner because I don’t want to wait an unreasonable amount of time to see the results. |
| Acceptance Criteria:   * The system processes 100,000 ballots within a few minutes * System doesn’t crash * Successfully displays results |
| Effort: M |

5

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| As a user, I would like to see a running total for each candidate as the election progresses along with the winning and losing lists. |
| Acceptance Criteria:   * Plurality shows tallies of each candidate as election progresses * For droop, the screen shows update info for each pass |
| Effort: S |

6

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| As an election official, I would like a shorter report than the audit, so I can quickly view the results of the election. |
| Acceptance Criteria:   * Shows winners * Shows date, type of election * Shows number of seats and candidates |
| Effort: M |

7

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| As a user, I want the voting system to shuffle/not shuffle ballots automatically based on its satiation. |
| Acceptance Criteria:   * The system will properly shuffle ballots when performing STV * The terminal will not ask for shuffle permissions. |
| Effort: S |

8

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| As an election official, I want a graphical UI to make data input easier and reduce mistakes. |
| Acceptance Criteria:   * Input can be entered on a UI instead of terminal |
| Effort: XL |