Initial Product Backlog - Team 4

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| As a user, I want to get the correct results for election, so that the program should run fluently and without bugs. | |
| Acceptance Criteria:   1. All the test cases in project 1 pass. | |
| Effort: Small | |

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| As a user, I want to get a summary of every election condition, which includes information about seats, parties, candidates and ballots, so that I can get the election conditions before getting final results. | |
| Acceptance Criteria:   1. System has the option to generate a quick overview file. 2. The quick overview file includes correct seats, parties, candidates and ballots number of this election. 3. Generate success or failure message after finishing this process. | |
| Effort: Medium | |

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| As a user, I want to use graphic interface to search for a csv file instead of input full path of it to upload, so that I don’t have to use terminal or command line to upload file. | |
| Acceptance Criteria:   1. System has the option to search csv file. 2. User could use a graphic interface to search file. 3. User could select target file through the graphic interface. 4. Generate success or failure message after finishing this process. | |
| Effort: Large | |

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| As an election official, I hope the program could handle more ballots information in a relatively faster speed. | |
| Acceptance Criteria:   1. The system could handle at least 500,000 ballots at a time. 2. Each ranking process should not take more than 5 minutes. 3. Generate success or failure message after finishing this process. | |
| Effort: Large | |

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| As election officials, I want to see a shorter audit file instead of a very detailed one, so that I can view the results shortly and quickly. | |
| Acceptance Criteria:   1. System has the option to generate a simplified version of audit file. 2. The simplified version of audit file includes correct date, type of election, candidates and their parties, number of seats and winners of this election. 3. Generate success or failure message after finishing this process. | |
| Effort: Small | |

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| As an election official, I want to name the name audit file and choose where to store the file like desktop through graphic interface. So that I could have more free to generate file and name file, which could save time. | |
| Acceptance Criteria:   1. User could rename and save audit file to computer through the graphic interface. 2. Generate success or failure message after finishing this process. | |
| Effort: Medium | |