PBI Rankings

1. Any user stories left over from Project 1
2. Have multiple polling locations (Process multiple ballot files)
    a. 2-3 hours, if that
3. Invalidate IRV ballots (doesn't include audit file)
    a. 4-5 hours; testing will be tricky without audit file of invalidated ballots
4. Bring in ballots for PO only election

PO Election Algorithm

User Stories	As an election official, I want to be able to run a popularity only (PO) election with the system so that I can determine who was the most popular candidate.
Acceptance Criteria	This election algorithm determines the candidate with the most number of votes as the winner. Ties are resolved with a fair coin toss(es).
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.
Effort	Medium
PBI Author(s)	Brandon, Jason, Gavin, Kobin

PO Election Stats

User Stories	As an election official I would like to see the stats for the PO at the end of the election so that constituents who voted know how well their candidate did in the election.
Acceptance Criteria	The stats are displayed on the screen that includes the name of winner and loser(s). The percentage of votes each candidate received will be displayed to the screen.
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.
Effort	Medium

PBI Author(s)	Brandon, Jason, Gavin, Kobin

GUI

User Stories	As an election official, I want to have a GUI so that I can easily select files for running the system.
Acceptance Criteria	A window where the user can type in a filename or look for file(s) on disk using the mouse or arrow keys. This is replacing the text prompt.
Definition of Done	The GUI feature meets the above acceptance criteria. Unit, regression, and system tests regarding this feature are complete. Finally documentation for this feature is complete. Code refactored appropriately.
Effort	High
PBI Author(s)	Brandon, Jason, Gavin, Kobin

Audit File for Invalidated Ballots

User Stories	As an election official, I want to have a file with the invalidated ballots so that I can see which ballots were invalidated.
Acceptance Criteria	Info of the invalidated ballots should be put in a separate file called "invalidated_dateofelection.xxx". This info includes the ballot id number and the rankings that exist on the ballot.
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.
Effort	Medium
PBI Author(s)	Brandon, Jason, Gavin, Kobin

Table of IRV Rounds

User Stories	As an election official, I want to see a table at the end that shows each round of the IRV so that I can see the movement of votes in the election.
Acceptance Criteria	System must be able to generate and display the table that shows the IRV algorithm at each step. It includes the number of votes each candidate gained and subtracted (i.e. which candidate is removed if any) for the round.
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.
Effort	Medium
PBI Author(s)	Brandon, Jason, Gavin, Kobin

Print Information About Election Report

User Stories	As an election official, I want a short report file in addition to the audit report so that I can print and send it to the election certification officials.
Acceptance Criteria	The system must be able to print the report for OPL and IRV elections with all the information needed to certify the election. This information includes date of the election, type of election, candidates names, number of seats and the winner of the election. No other information is on this report.
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.
Effort	Medium
PBI Author(s)	Brandon, Jason, Gavin, Kobin