Name, x500
Sai Tallapragada, talla037
Samuel Wong, wong0613
Andy Chen, chen6640
Sree Pemma, pemma003

Name: PBI2
As: An election official **I want:** to be able to see a table displayed to the screen after an election, showing each round of the election and how many votes each candidate lost/gained **So that:** I can more easily see how the election progressed after it is completed.
Acceptance Criteria: The user is able to see a table with a summary of the election statistics after the program is finished running.
Definition of Done: Passes all system tests Passes all regression tests Passes all unit tests
Effort: 6 hours
PBI Author(s): Sai Tallapragada

Name: PBI3
As: An election official **I want:** PO stats displayed to the screen at the end of the election. I want to know the percentage of votes each candidate received. **So that:** I know who won and who lost as well as the constituents who voted know how well their candidate did in the election.
Acceptance Criteria: The program correctly displays relevant information on who won to the screen after the election finishes running.
Definition of Done: Passes all regression tests Passes all system tests
Effort: Medium(2-4 hours)

PBI Author(s): Sai Tallapragada

Name: PBI5
As: An election official **I want:** The system to store the invalidated IRV ballots in a file. **So that:** It can be used for audit purposes post election.
Acceptance Criteria: All the IRV ballots that are invalidated during an election are tracked and they are stored in a file accessible by the election official for their purposes.
Definition of Done: Passes all unit tests Passes all system tests Passes all regression tests
Effort: Small (2-3 hours)
PBI Author(s): Andy Chen

Name: PBI6
As: An election official **I want:** To be able to operate the system via. a graphical user interface instead of through a text prompt **So that:** It's more convenient, quick, and less error prone to operate the system
Acceptance Criteria: The system has a GUI that has all the functionality of the system operated through a text terminal in GUI form.
Definition of Done: Passes all unit tests Passes all system tests Passes all regression tests
Effort: Large (perhaps 6+ hours)

PBI Author(s): Andy Chen

Name: PBI7

As: An election official
I want: To be able to determine a single winner in an election based on the candidates receiving the most ballots with a fair coin toss if there is a tie or ties between candidates
So that: I am able to run a PO election

Acceptance Criteria:

The election official is able to clearly determine who the winner is in an election based on popularity and tie breaking with our PO election.

Definition of Done:

Passes all system tests
Passes all regression tests
Passes all unit tests

Effort:
Medium to Large- Time: 3-6 hours

PBI Author(s): Sree Pemma