Voting System
Final Product Backlog

Team 1
Allison Miller (mill7079)
Sami Frank (fran0942)
Declan Buhrsmith (buhrs001)
Jake Waro (warox001)

PBI 6
As an election official, I would like to enter the type of election and the number of seats by using a GUI. Using a GUI will make the Voting System more user friendly and ultimately easier to use.

Acceptance and Done Criteria
    1. Java GUI libraries have been significantly researched in order to implement a GUI.
    2. Vote type is collectible via a GUI
    3. Number of seats is collectible via a GUI

Effort: Medium

PBI 7
As an election official, I want to be able to name the invalidated file whatever I like through a GUI so that I can find the correct file later.

Acceptance and Done Criteria
    1. A GUI exists to name the file.
    2. The resulting file is named whatever was entered in the GUI.

Effort: Small

PBI 8
As an election official, I want to be able to store the invalidated file wherever I like using a GUI so that I can find it and do not have to move it to a different location at a later point in time.

Acceptance and Done Criteria
    1. A GUI exists to choose the file location.
    2. The resulting file is stored in whatever location was entered in the GUI.

Effort: Small

PBI 9

As an election official, I want a short report with pertinent information after the election concludes so that I can give it to the election certification officials.

Acceptance and Done Criteria
1. Report for the officials has been generated and lists the date, type of election, candidates, number of seats, and winners of the election.
2. Report is correct and all information is valid.

Effort: Small

PBI 10

As an Election official, I want to enter ballots into the system that go directly into the program, and I want to be able to do this on one system in real-time.

Acceptance and Done Criteria
1. Prototype-based on our own system
2. Ballots able to be inputted directly into the program.
3. Ability to stop accepting ballots to run the election.

Effort: Large

PBI 11

As an Election official, I want a help screen accessible via a GUI. The help menu is important for getting assistance with the program, and the GUI aspect provides for ease of use.

Acceptance and Done Criteria
1. A button exists in the GUI to move between a help screen and the prompt
2. Upon switching to the help screen, the GUI renders information for how to use the program

Effort: Small

PBI 12

As an Election official, I want the GUI to display the election results so that I can easily see a summary of the election results while still in the active GUI window.

Acceptance and Done Criteria
1. Upon completion of an election, the GUI window populates with election results information

Effort: Small

PBI 13

As an election official, I want the GUI to contain a confirmation screen that allows myself to review the information I entered into the system for the election. I want this screen for the purposes of adding a form of a review before processing an election.

Acceptance and Done Criteria
1. A GUI has a screen that displays the election information input into the system.
2. There exists a button that allows the user to confirm the input is correct
3. A button exists for each prompt (vote type, number of seats, files) that allows the user to edit the respective information.

Effort: Medium

PBI 14

As an election official, I want to be able to print the certification report after the election concludes so that I can give a physical copy to the election certification officials.

Acceptance and Done Criteria
4. Connection to a printer has been thoroughly tested.
5. Option exists in GUI to print a document.

Effort: Medium

PBI 15

As an election official, I want to be able to quit the Voting System program at any prompt before running an election. I may encounter a situation in which I am no longer ready to submit the election, and I would like the program to execute to ensure the process is ended.

Acceptance and Done Criteria
6. Button exists in GUI to quit the program.
7. Upon click of the button, the program terminates.

Effort: Small

PBI Tracker

Backlog Item	Not Started	In Progress	Complete
PBI 1			x
PBI 2			x
PBI 3			x
PBI 4			x
PBI 5			x
PBI 6	x		
PBI 7	x		
PBI 8	x		
PBI 9	x		
PBI 10	x		
PBI 11	x		
PBI 12	x		
PBI 13	x		
PBI 14	x		
PBI 15	x		