PRODUCT BACKLOG TEAM #001

#3 DISPLAY PO STATS TO SCREEN AT END OF ELECTION

As an election official,
I want to see the statistics of the election,
So that I can certify and validate the election.

Acceptance Criteria:
- Ability to view percentage of votes each candidate has received on screen at the end of each election.
- Stats include winners and losers.

Definition of Done:
- Passes all regression testing.
- Passes all system integration testing.

Effort: Large

PBI Author(s): Estifanos Alene

#5 SIMPLE GUI FOR FILE INPUT

As an election official,
I want to have some kind of graphical unit interface to input the election files,
So that I can visually see the file I am importing to the system.

Acceptance Criteria
- A simple GUI appears when the 'load' option is entered.
- The GUI can successfully read the user input and load the file to the system.
- The correct type of election is run and the results of the election are as expected.

Definition of Done
- GUI has been tested with multiple types of file and loads them correctly.
- Working demo of the system using the GUI to read the election file.

Effort: Medium

PBI Author(s): Adrian Leal

#7 CREATE AUDIT FILE FOR INVALID BALLOTS IN IRV ELECTION

As an election official,
I want the invalidated ballots to be added to an audit file,
So that each election is ensured to be fair and validated.

Acceptance Criteria:
- The invalidated ballots show up in the audit file.
- The audit file is named in the format invalidated_dateofelection.xxx.

Definition of Done:
- Passes all regression tests to add invalid ballots to an audit file.
- Passes all unit tests.
- Passes all system integration tests.

Effort: Medium/Large

PBI Author(s): Estifanos Alene

#8 DISPLAYING IRV ELECTION RESULTS IN A TABLE

As an election official,
I want to see a table at the end of the IRV election,
So that the data of the election is visualized.

Acceptance Criteria:
- The table should show each round of the IRV election and the number of votes that the candidate added or lost for that round. The table should be displayed on the screen.

Definition of Done:
- The program will output a table that shows the IRV election results round by round showing the number of votes each candidate added or subtracted in the respective round.
- Passes all regression tests to add invalid ballots to an audit file.
- Passes all unit tests.
- Passes all system integration tests.

Effort: Medium

PBI Author: Parker Oberstar

#9 SHORT REPORT DISPLAYED

As an election official,
I want a short report that can be printed,
so that I can give this to the election certification officials.

Acceptance Criteria:
- The report should have the date, type of election, IR or OPL, the candidates, the number of seats, and the winner(s) of the election. Only the pertinent information is on this report.
- The program must generate a printable report containing the date, type of election, the candidates, the number of seats, and the winner(s) of the election.

Definition of Done:
- Passes all regression tests to add invalid ballots to an audit file.
- Passes all unit tests.
- Passes all system integration tests.

Effort: Medium

PBI Author: Parker Oberstar

#10 DISPLAY NAME OF THE LOADED FILE
As election official, I want to be able to see the file that was loaded to the system, So that I can modify it if the wrong file was loaded.
Acceptance Criteria ● Terminal prints the name of the file loaded to the system
Definition of Done ● Passes all tests where different files are loaded to the system ● Working demo
Effort: Small
PBI Author(s): Adrian Leal

#11 BUG 1

As the product owner,
I need the missing pair of ">>" on the terminal to be displayed while running the system,
So that the election system can operate coherently and efficiently.

Acceptance Criteria:
- Must be able to display the missing characters while running the system.
- Must be able to work with any type of election.

Definition of Done:
- Passes all regression tests to display the characters to the screen.
- Passes system integration test.

Effort: Small

PBI Author(s): Sar Kanotra

#12 BUG 2

As the product owner,
I want reading in the first line of IR to work correctly in the system,
So that the election can operate efficiently.

Acceptance Criteria:
- Must be able to read in the first line of IR correctly.

Definition of Done:
- Passes all regression tests to display the characters to the screen.
- Passes system integration test.

Effort: Medium

PBI Author(s): Sar Kanotra