

<p>As an election official,</p> <p>I want to be able to bring in multiple election files</p> <p>So that I can bring in different files from different balloting locations.</p>
<p>Acceptance Criteria:</p> <ul style="list-style-type: none"> • Multiple files are able to be selected
<p>Definition of Done</p> <ul style="list-style-type: none"> • Unit tested • Integrated into main system • Documentation complete
<p>Effort: Small</p>
<p>PBI Author(s) Tyler Grimm, Andrew Guerra</p>

<p>As an election official,</p> <p>I want to be able to process multiple IR election file headers correctly</p> <p>So that I can bring in different files from different balloting locations.</p>
<p>Acceptance Criteria:</p> <ul style="list-style-type: none"> • Multiple IR election headers are read
<p>Definition of Done</p> <ul style="list-style-type: none"> • Unit tested • Integrated into main system • Documentation complete
<p>Effort: Medium</p>
<p>PBI Author(s) Tyler Grimm, Andrew Guerra</p>

<p>As an election official,</p> <p>I want to be able to process ballots multiple IR election files</p> <p>So that I can bring in different files from different balloting locations.</p>
<p>Acceptance Criteria:</p> <ul style="list-style-type: none"> • IR ballots from all files are all read in
<p>Definition of Done</p> <ul style="list-style-type: none"> • Unit tested • Integrated into main system • Documentation complete
<p>Effort: Medium</p>
<p>PBI Author(s) Tyler Grimm, Andrew Guerra</p>

<p>As an election official,</p> <p>I want to be able to process in multiple CPL election file headers correctly</p> <p>So that I can bring in different files from different balloting locations.</p>
<p>Acceptance Criteria:</p> <ul style="list-style-type: none"> • Multiple CPL election headers are read
<p>Definition of Done</p> <ul style="list-style-type: none"> • Unit tested • Integrated into main system • Documentation complete
<p>Effort: Medium</p>
<p>PBI Author(s) Tyler Grimm, Andrew Guerra</p>

As an election official,

I want to be able to process ballots multiple CPL election files

So that I can bring in different files from different balloting locations.

Acceptance Criteria:

- CPL ballots from all files are all read in

Definition of Done

- Unit tested
- Integrated into main system
- Documentation complete

Effort: Medium

PBI Author(s) Tyler Grimm, Andrew Guerra

As an election official

I want to see a table displaying the round(s) of an IRV election in the listed format

So that I can see how the election progressed

Candidates		1st Round		2nd Round		3rd Round	
Candidate	Party	Votes	±	Votes	±	Votes	±
Bob Kiss	Progressive	2585	+2585	2981	+396	4313	+1332
Kurt Wright	Republican	2951	+2951	3294	+343	4061	+767
Andy Montroll	Democrat	2063	+2063	2554	+491	0	-2554
Dan Smith	Independent	1306	+1306	0	-1306		
James Simpson	Green	35	+35	0	-35		
Write-in		36	+36	0	-36		
EXHAUSTED PILE		4	+4	151	+147	606	+455
TOTALS ^[28]		8980	+8980				

Acceptance Criteria:

- The table displays progression of the election

Definition of Done

- Unit tested
- Integrated into main system
- Documentation complete

Effort: Large

PBI Author(s) Andrew Guerra

As an election official,

I want to be able to process a PO election file header

So that I can run a PO election

Acceptance Criteria:

- PO election headers are read in
- Provided PO election header format is handled

Definition of Done

- Unit tested
- Integrated into main system
- Documentation complete

Effort: Medium

PBI Author(s) Tyler Grimm, Andrew Guerra

As an election official,

I want to be able to process ballots in a PO election file

So that I can run a PO election

Acceptance Criteria:

- PO election ballots are read in
- Provided PO election ballot format is handled

Definition of Done

- Unit tested
- Integrated into main system
- Documentation complete

Effort: Medium

PBI Author(s) Tyler Grimm, Andrew Guerra

As an election official,

I want to be able to process in multiple PO election file headers correctly

So that I can bring in different files from different balloting locations.

Acceptance Criteria:

- Multiple PO election headers are read in

Definition of Done

- Unit tested
- Integrated into main system
- Documentation complete

Effort: Medium

PBI Author(s) Tyler Grimm, Andrew Guerra

As an election official,

I want to be able to process ballots in multiple PO election files

So that I can bring in different files from different balloting locations

Acceptance Criteria:

- PO ballots from all files are all read in

Definition of Done

- Unit tested
- Integrated into main system
- Documentation complete

Effort: Medium

PBI Author(s) Tyler Grimm, Andrew Guerra

<p>As an election official</p> <p>I want to run a PO election</p> <p>So that a winner of a PO election can be determined</p>
<p>Acceptance Criteria:</p> <ul style="list-style-type: none"> PO election winner is determined by candidate that has a plurality of votes
<p>Definition of Done</p> <ul style="list-style-type: none"> Unit tested Integrated into main system Documentation complete
<p>Effort: Medium</p>
<p>PBI Author(s): Hady Kotifani, Andrew Guerra</p>

<p>As an election official,</p> <p>I want to be break ties in a PO election via a coin toss</p> <p>So that I can resolve ties fairly.</p>
<p>Acceptance Criteria:</p> <ul style="list-style-type: none"> A winner can be determined from a coin toss
<p>Definition of Done</p> <ul style="list-style-type: none"> Unit tested Integrated into main system Documentation complete
<p>Effort: Small</p>
<p>PBI Author(s) Tyler Grimm, Andrew Guerra</p>

<p>As an election official</p> <p>I want to display stats of a PO election to the screen with percentages of each candidate</p> <p>So that constituents who voted know how well their candidate did in the election</p>
<p>Acceptance Criteria:</p> <ul style="list-style-type: none"> • PO election stats are calculated • PO election stats for election are displayed
<p>Definition of Done</p> <ul style="list-style-type: none"> • Unit tested • Integrated into main system • Documentation complete
<p>Effort: Small</p>
<p>PBI Author(s): Hady Kotifani, Andrew Guerra</p>

<p>As an election official</p> <p>I want IRV ballots to have ballots that have at least half of the candidates ranked to be included in the IRV election.</p> <p>So that elections are run with only valid ballots</p>
<p>Acceptance Criteria:</p> <ul style="list-style-type: none"> • IRV elections are run with only ballots that have at least half of candidates ranked • Percentage of candidates ranked is rounded to next highest integer
<p>Definition of Done</p> <ul style="list-style-type: none"> • Unit tested • Integrated into main system • Documentation complete
<p>Effort: Small</p>
<p>PBI Author(s) Andrew Guerra</p>

As an election official
I want the information of the invalid ballots in a separate file
So that the quantity of invalid ballots can be accounted for
Acceptance Criteria: <ul style="list-style-type: none"> • All invalid ballots for an election are put into an audit file • File has format invalidated_dateofelection.xxx
Definition of Done <ul style="list-style-type: none"> • Unit tested • Integrated into main system • Documentation complete
Effort: Medium
PBI Author(s) Andrew Guerra, Hady Kotifani

As an election official
I want to be able to use GUI window to search for ballot files on disk by typing its name and using mouse and arrow clicks
So that we can easily find and run files
Acceptance Criteria: <ul style="list-style-type: none"> • Can search for files in the GUI window • Can select the file after its searched for • Can use the keyboard and mouse to find the file • Can run the file wanted
Definition of Done <ul style="list-style-type: none"> • Unit tested • Integrated into main system • Documentation complete
Effort: Medium
PBI Author(s): Hady Kotifani

As an election official

I want to be able to use GUI window to ask for the date

So that we can keep track of when elections happen

Acceptance Criteria:

- Can enter date into the GUI

Definition of Done

- Unit tested
- Integrated into main system
- Documentation complete

Effort: Small

PBI Author(s): Hady Kotifani, Andrew Guerra