

Team 18

Noreen Si, Jonathan Haak, Pyrenees Gavois, Lane Enget

To capture all of our sprint backlog, this document will have the user stories and then the tasks.

Note: The stories screenshots below are only here to show which tasks are associated with them. The actual progress for our tasks is at the bottom of the document.

Pass in multiple files

 Attach

 Add a child issue

 Link issue



Description

As a voting official










I want to be able to pass in multiple election files

So that I can use different files from different polling/balloting locations for an election


Linked issues





is blocked by


- | | | | | | |
|-------------------------------------|-------|--|---|---|---|
| <input checked="" type="checkbox"/> | SP-7 | Write Code to Bring multiple files into system |  |  | DONE  |
| <input checked="" type="checkbox"/> | SP-25 | Write documentation and comments for bringing in multiple files, parsing |  |  | TO DO  |
| <input checked="" type="checkbox"/> | SP-16 | Test multiple files are brought into system |  |  | IN PROGRESS  |

Parse Multiple IR headers

 Attach

 Add a child issue

 Link issue



Description

As a voting official




I want the program to process multiple IR file headers for an IR election

So that I can use different files from different polling/balloting locations for an election


Linked issues





is blocked by


<input checked="" type="checkbox"/>	SP-9	Write code to parse headers for all files, either for CPL or IR	=		TO DO ▾
<input checked="" type="checkbox"/>	SP-18	Test headers are parsed correctly for multiple files	=		TO DO ▾
<input checked="" type="checkbox"/>	SP-25	Write documentation and comments for bringing in multiple files, parsing	=		TO DO ▾

Parse Multiple CPL headers

 Attach

 Add a child issue

 Link issue



Description

As a voting official




I want the program to process multiple CPL file headers for a CPL election

So that I can use different files from different polling/balloting locations for an election

Linked issues




is blocked by

<input checked="" type="checkbox"/>	SP-18	Test headers are parsed correctly for multiple files	=		TO DO ▾
<input checked="" type="checkbox"/>	SP-9	Write code to parse headers for all files, either for CPL or IR	=		TO DO ▾
<input checked="" type="checkbox"/>	SP-25	Write documentation and comments for bringing in multiple files, parsing	=		TO DO ▾

Determine IR winner - process multiple ballot files

 Attach

 Add a child issue

 Link issue



Description

As a voting official




I want the program to determine a winner for IR from multiple ballot files

So that I can use different files from different polling/balloting locations for an election

Linked issues



is blocked by

<input checked="" type="checkbox"/>	SP-10	Write code to process all files, either for CPL or IR	=		TO DO ▾
<input checked="" type="checkbox"/>	SP-19	Test files are processed correctly when multiple files are present	=		TO DO ▾
<input checked="" type="checkbox"/>	SP-42	Document processing multiple ballot files to determine winner - IR + CPL	=		TO DO ▾

Determine CPL winners - process multiple ballot files

 Attach

 Add a child issue

 Link issue



Description

As a voting official

I want the program to determine seat allocation (winners/losers)




for CPL from multiple ballot files

So that I can use different files from different polling/balloting locations for an election


Linked issues





is blocked by


<input checked="" type="checkbox"/>	SP-42	Document processing multiple ballot files to determine winner - IR + CPL	=		TO DO ▾
<input checked="" type="checkbox"/>	SP-10	Write code to process all files, either for CPL or IR	=		TO DO ▾
<input checked="" type="checkbox"/>	SP-19	Test files are processed correctly when multiple files are present	=		TO DO ▾

Calculate votes added, subtracted per candidate + exhausted ballots

 Attach

 Add a child issue

 Link issue



Description

As a voting official

I want the votes added and subtracted per candidate as well as exhausted ballots in





an IR election to be calculated per round

So that I can easily track the flow of ballots in an IR election


Linked issues





is blocked by


<input checked="" type="checkbox"/>	SP-19	Test files are processed correctly when multiple files are present	=		IN PROGRESS ▾
<input checked="" type="checkbox"/>	SP-29	Test integration for adding, subtracting candidate vote totals, exhaust...	=		IN PROGRESS ▾
<input checked="" type="checkbox"/>	SP-3	Write documentation for methods related to calculating vote difference tota...	=		TO DO ▾ X
<input checked="" type="checkbox"/>	SP-1	Write code to calculate votes added and subtracted per candidate + e...	=		IN PROGRESS ▾

Graphical IR table with votes added, subtracted per candidate + exhausted ballots

 Attach

 Add a child issue

 Link issue



Description

As a voting official





I want to be able to see a graphical table that shows IR election information, such as candidates, their parties, and number of votes added/subtracted/exhausted per round

So that I can visually see key IR election information summarized neatly

Linked issues




is blocked by

<input checked="" type="checkbox"/>	SP-5	Test functionality of putting information into a simple IR table	=		TO DO ▾	
<input checked="" type="checkbox"/>	SP-4	Write code to implement a simple table that can hold IR round results	=		TO DO ▾	
<input checked="" type="checkbox"/>	SP-30	Test integration of table with rest of IR	=		TO DO ▾	X
<input checked="" type="checkbox"/>	SP-6	Write documentation for methods/classes related to implementing a simple ...	=		TO DO ▾	

Process multiple PO headers

 Attach

 Add a child issue

 Link issue



Description

As a voting official





I want the program to process multiple PO file headers for a PO election

So that I can use different files from different polling/balloting locations for an election

Linked issues




is blocked by

<input checked="" type="checkbox"/>	SP-13	Write code for PO file header processing	=		TO DO ▾
<input checked="" type="checkbox"/>	SP-22	Test PO file header is processed correctly	=		TO DO ▾
<input checked="" type="checkbox"/>	SP-12	Create class for PO	=		TO DO ▾
<input checked="" type="checkbox"/>	SP-28	Write documentation related to PO class, PO methods	=		TO DO ▾

Break PO tie(s)

 Attach

 Add a child issue

 Link issue



Description

As a voting official




I want the program to be able to break a tie for PO elections

So that a winner can be determined fairly


Linked issues





is blocked by


<input checked="" type="checkbox"/>	SP-44	Test ties are broken properly for PO	=		TO DO ▾
<input checked="" type="checkbox"/>	SP-43	Write code to break PO ties	=		TO DO ▾
<input checked="" type="checkbox"/>	SP-28	Write documentation related to PO class, PO methods	=		TO DO ▾

Determine winner of PO

 Attach

 Add a child issue

 Link issue



Description

As a voting official





I want the program to determine winners and losers of PO

So that I can know the result of a PO election run

Linked issues



is blocked by

<input checked="" type="checkbox"/>	SP-15	Write code for PO results output	=		TO DO ▾
<input checked="" type="checkbox"/>	SP-23	Test PO results are output correctly	=		TO DO ▾
<input checked="" type="checkbox"/>	SP-28	Write documentation related to PO class, PO methods	=		TO DO ▾
<input checked="" type="checkbox"/>	SP-24	Test PO integrated functionality	=		TO DO ▾

Note: The green in the boxes represents the stories.

TO DO 22 OF 22 ISSUES	IN PROGRESS 13 OF 13 ISSUES	DONE 8 OF 8 ISSUES ✓
<div>Test election type is correct from multiple files</div> <div>✓ SP-17</div>	<div>Determine CPL winners - process multiple ballot files</div> <div>👤 SP-36 JH</div>	<div>Test functionality of putting information into a simple IR table</div> <div>✓ SP-5 ✓ NS</div>
<div>Write documentation and comments for bringing in multiple files, parsing</div> <div>✓ SP-25</div>	<div>Determine IR winner - process multiple ballot files</div> <div>👤 SP-35 JH</div>	<div>Write code to implement a simple table that can hold IR round results</div> <div>✓ SP-4 ✓ NS</div>
<div>Write code to parse headers for all files, either for CPL or IR</div> <div>✓ SP-9</div>	<div>Parse Multiple CPL headers</div> <div>👤 SP-34 JH</div>	<div>Test PO file header is processed correctly</div> <div>✓ SP-22 ✓ PG</div>
<div>Test headers are parsed correctly for multiple files</div> <div>✓ SP-18</div>	<div>Parse Multiple IR headers</div> <div>👤 SP-33 JH</div>	<div>Write code for PO file header processing</div> <div>✓ SP-13 ✓ PG</div>
	<div></div> <div>👤 SP-31 PG</div>	

<p>TO DO 22 OF 22 ISSUES</p> <div> <div>✓</div> <div>SP-18</div> </div> <div> <div>Write code to process all files, either for CPL or IR</div> <div> <div>✓</div> <div>SP-10</div> </div> </div> <div> <div>Document processing multiple ballot files to determine winner - IR + CPL</div> <div> <div>✓</div> <div>SP-42</div> </div> </div> <div> <div>Write documentation for methods related to calculating vote difference totals in IR</div> <div> <div>✓</div> <div>SP-3</div> <div>NS</div> </div> </div> <div> <div>Test integration of table with rest of IR</div> </div>	<p>IN PROGRESS 13 OF 13 ISSUES</p> <div> <div>Test PO election type is correctly determined for PO file</div> <div> <div>✓</div> <div>SP-21</div> <div>PG</div> </div> </div> <div> <div>Write code to check if election type is PO</div> <div> <div>✓</div> <div>SP-11</div> <div>PG</div> </div> </div> <div> <div>Test multiple files are brought into system</div> <div> <div>✓</div> <div>SP-16</div> <div>JH</div> </div> </div> <div> <div>Calculate votes added, subtracted per candidate + exhausted ballots</div> <div> <div>✓</div> <div>SP-37</div> </div> </div> <div> <div>Write code to calculate votes</div> </div>	<p>DONE 8 OF 8 ISSUES ✓</p> <div> <div>processing</div> <div> <div>✓</div> <div>SP-13</div> <div>✓</div> <div>PG</div> </div> </div> <div> <div>Create class for PO</div> <div> <div>✓</div> <div>SP-12</div> <div>✓</div> <div>PG</div> </div> </div> <div> <div>Write Code to Bring multiple files into system</div> <div> <div>✓</div> <div>SP-7</div> <div>✓</div> <div>LE</div> </div> </div> <div> <div>Pass in multiple files</div> <div> <div>✓</div> <div>SP-31</div> <div>✓</div> <div>JH</div> </div> </div> <div> <div>Write code to check election type from files</div> <div> <div>✓</div> <div>SP-8</div> <div>✓</div> <div>JH</div> </div> </div>
<p>TO DO 22 OF 22 ISSUES</p> <div> <div>Test integration of table with rest of IR</div> <div> <div>✓</div> <div>SP-30</div> <div>NS</div> </div> </div> <div> <div>Write documentation for methods/classes related to implementing a simple IR table</div> <div> <div>✓</div> <div>SP-6</div> <div>NS</div> </div> </div> <div> <div>Write code to break PO ties</div> <div> <div>✓</div> <div>SP-43</div> </div> </div> <div> <div>Test ties are broken properly for PO</div> <div> <div>✓</div> <div>SP-44</div> </div> </div> <div> <div>Write code for PO file processing</div> </div>	<p>IN PROGRESS 13 OF 13 ISSUES</p> <div> <div>Write code to calculate votes added and subtracted per candidate + exhausted ballots for IR</div> <div> <div>✓</div> <div>SP-1</div> <div>NS</div> </div> </div> <div> <div>Test functionality of calculating votes added, subtracted, and exhausted totals in IR</div> <div> <div>✓</div> <div>SP-2</div> <div>LE</div> </div> </div> <div> <div>Test integration for adding, subtracting candidate vote totals, exhausted ballot totals with IR</div> <div> <div>✓</div> <div>SP-29</div> <div>NS</div> </div> </div>	<p>DONE 8 OF 8 ISSUES ✓</p> <div> <div> <div>✓</div> <div>SP-8</div> <div>✓</div> <div>JH</div> </div> </div>

TO DO 22 OF 22 ISSUES	IN PROGRESS 13 OF 13 ISSUES	DONE 8 OF 8 ISSUES ✓
<p>Write code for PO file processing</p> <p>✓ SP-14</p>	<p>Test files are processed correctly when multiple files are present</p> <p>✓ SP-19 JH</p>	
<p>Write documentation related to PO class, PO methods</p> <p>✓ SP-28</p>	<p>Graphical IR table with votes added, subtracted per candidate + exhausted ballots</p> <p>📌 SP-38</p>	
<p>Write code for PO results output</p> <p>✓ SP-15</p>		
<p>Test PO results are output correctly</p> <p>✓ SP-23</p>		
<p>Add Functionality for multiple files in PO election</p> <p>✓ SP-26</p>		

TO DO 22 OF 22 ISSUES
<p>Test PO election works correctly with multiple files</p> <p>✓ SP-27</p>
<p>Test results are correct for multiple files</p> <p>✓ SP-20</p>
<p>Test PO integrated functionality</p> <p>✓ SP-24</p>
<p>Process multiple PO headers</p> <p>📌 SP-39</p>
<p>Break PO tie(s)</p> <p>📌 SP-40</p>
<p>Determine winner of PO</p> <p>📌 SP-41</p>