

Sprint Backlog Team 7

Committed Backlog Items	Task Not Started	Task In Progress	Task Done
<p>As an Election Official I would like to be able to run the system without any bugs</p> <p>Acceptance Criteria:</p> <ol style="list-style-type: none"> 1) System will request for input file via terminal 2) System will process OPL election file 3) System will process CPL election file 4) System will create audit file for the election 5) System will create in same directory media file for the election 6) System will create in same directory summary file for the election 7) System will output to the terminal contents of the summary file 8) System will process 	<ul style="list-style-type: none"> • Add acceptance test to verify that program requests user for election file in terminal • Add acceptance test to verify that program exits if file does not exist with warning message • Add acceptance test to verify that the program processes OPL election file and produces summary output and summary file with the correct contents • Add acceptance test to verify that the program processes CPL election file and produces summary output and summary file with the correct contents • Add acceptance test to verify that the program processes OPL election file and 		

<p>election file of 100,000 ballots in less than 5 minutes</p> <p>9) System will allocate seats using largest remainder seat allocation</p> <p>10) Seat allocation ties are broken using 'coin toss'</p> <p>Effort: Extra Large</p>	<p>produces audit file with the correct contents</p> <ul style="list-style-type: none"> • Add acceptance test to verify that the program processes CPL election file and produces audit file with the correct contents • Add acceptance test to verify that the program processes OPL election file and produces media file with the correct contents • Add acceptance test to verify that the program processes CPL election file and produces media file with the correct contents • Add acceptance test to verify that program processes CPL election file with 100,000 ballots in under 5 minutes • Add acceptance test to verify that program processes OPL election file with 100,000 ballots in under 5 minutes • Go over unit tests for 		
---	---	--	--

	<p>ElectionFile class and confirm that it has sufficient coverage</p> <ul style="list-style-type: none">• Go over unit tests for OPLTeller class and confirm that it has sufficient coverage• Go over unit tests for CPLTeller class and confirm that it has sufficient coverage• Go over unit tests for OPLElectionFileParser and confirm that it has sufficient coverage• Go over unit tests for CPLElectionFileParser and confirm that it has sufficient coverage• Go over Audit class and confirm that it has sufficient coverage• Go over OPLLargestRemainder SeatAllocator and confirm that it has sufficient unit tests• Complete CPLLargestRemainder SeatAllocator to allocate seats the first round• Complete		
--	---	--	--

	<p>OPPLargestRemainder SeatAllocator to allocate seats the first round</p> <ul style="list-style-type: none"> • Complete CPLLargestRemainder SeatAllocator to allocate seats the second round without tie breaker • Complete OPPLargestRemainder SeatAllocator to allocate seats the second round without tie breaker • Implement tie breaker for CPLLargestRemainder SeatAllocator • Implement tie breaker for OPPLargestRemainder SeatAllocator • Implement assignAllocatedSeats for OPPLargestRemainder SeatAllocator • Implement assignAllocatedSeats for CPLLargestRemainder 		
--	---	--	--

	SeatAllocator <ul style="list-style-type: none"> • Implement toMediaFormat for LargestRemainderSeat AllocatorFormatter class • Implement toAuditFormat for LargestRemainderSeat AllocatorFormatter • Implement toSummaryFormat for LargestRemainderSeat AllocatorFormatter • Add unit tests for Summarizer class • Implement summarizer class 		
--	--	--	--

	<ul style="list-style-type: none"> • Add acceptance test 		
--	---	--	--

<p>As an Election Official I want to be able to choose where I would like to save the audit file</p> <p>Acceptance Rate:</p> <ol style="list-style-type: none"> 1) It should be able to be saved in a different directory 2) A GUI should allow me to choose a location to save the file <p>Effort: Medium</p>	<p>which verifies if the GUI is launched when “Set audit directory” is triggered</p> <ul style="list-style-type: none"> • Add acceptance test which verifies if the GUI can choose a directory • Implement the code to actually launch the GUI and get the directory where to store the files • Add acceptance tests to verify that the audit file gets stored in the directory specified by the GUI • Modify the code base to actually save the audit file where specified by the GUI 		
--	--	--	--

<p>As an Election Official I would like to use a GUI to</p>	<ul style="list-style-type: none"> • Add acceptance test that confirms GUI is launched when “select 		
---	--	--	--

<div>submit the election file</div> <div> Acceptance Rate: 1) GUI should let me select a CSV election file </div> <div>Effort: Medium</div>	<div>election file" is triggered</div> <ul style="list-style-type: none"> • Write code to implement GUI loading 		
--	--	--	--

<div>As an Election Official I</div>	<ul style="list-style-type: none"> • Add accetpance test to verify that GUI runs on 		
--------------------------------------	--	--	--

would like to use a GUI			
<p>Acceptance Rate:</p> <ol style="list-style-type: none"> 1) GUI should let me choose an election file 2) GUI should let me choose where to save the audit file 3) GUI should let me run program by pressing a "run" button 4) GUI should warn me if an election file or audit file destination is not chosen 	<p>startup</p> <ul style="list-style-type: none"> • Add code to run GUI on startup • Add acceptance test to verify that GUI has "Choose audit destination", "Choose election file", "Run" buttons • Add code to add "Choose audit destination" button • Add code to add "Choose election file" button • Add code to add "Run" button • Add acceptance test to verify that code actually runs on "Run" • Add code to trigger main on "Run" • Add acceptance to test if a warning message is shown if election file is not chosen on run • Add acceptance to test if a warning message is shown if audit directory is not chosen on run • Add code to trigger warning message if election file is not 		
Effort: Medium			

	<p>chosen on run</p> <ul style="list-style-type: none">• Add code to trigger warning message if audit directory is not chosen on run		
--	--	--	--