

Sprint Backlog 4/25/2022						
PBI ID	User Story	Owner	Tasks	Est Time (hours)	Status	Who's working on it
#1	As an election official, I want to be able to determine a number of winners via IRV so that I don't have to calculate the winners myself	Election Official	Fix file parsing to allow multiple winners ensure that file parsing works properly	0.5	Done	
			Fix calcResults() function to allow multiple winners	0.5	Done	
			Ensure that correct winners can be retrieved by user	0.5	Done	
			Unit testing	2	Started	Ann, Sean
			bonus: split calcResults() into readinput() and calcResults() (low priority)	0.5	Done	
#2	As an election official, I want to determine a number of winners via OPL so that I don't have to calculate the winners myself	Election Official	Ensure that file parsing works properly	0.5	Done	
			Fix calcResults() function to calculate the winners correctly	1.5	Done	
			Ensure that correct winners can be retrieved by user	0.5	Done	
			Unit Testing	3	Started	Ann, Sean
			bonus: split calcResults() into readinput() and calcResults() (low priority)	0.5	Done	
#7	As an election official, I want to be able to bring in multiple files instead of a single file	Election Official	Change input loop so that "filename" always adds the given filename to a list of files, rather than overwriting previous filenames	0.25	Done	
			give the filehandler a list of filenames rather than just one filename	0.25	Done	Shey, Jasper
			replace FileHandler.setInputFile() with something like FileHandler.addInputFile(), this new method should behave similarly to setInputFile but should add valid files to the list of filenames rather than just overwriting the previous filename	0.25	Done	Shey, Jasper
			possibly change from creating a FileHandler when the first file is passed in, to creating one when the program starts?	0.25	Done	Shey, Jasper
			create a getter for FileHandler, filenames.size (probably useful for adding multiple file support to electionOPL.electionIRV)	0.25	Done	Shey, Jasper
			update electionOPL to support reading input from multiple files	0.5	Done	Shey, Jasper
			update electionIRV to support reading input from multiple files	0.5	Done	Shey, Jasper
			possibly create function which makes it possible to remove files from the list of input files (low priority)	0.5	Done	Shey, Jasper
Definition of Done						
			Acceptance Criteria			Due Date
			The user can submit a file for input			4/20/2022
			command can be run to calculate correct IRV election results			4/20/2022
			receives correct results of the election			4/20/2022
			all tests pass and system is able to test runtime of 100000 ballots			4/20/2022
			Functionality of calcResults is maintained, but all functionality that involves reading from files is moved to readinput()			4/20/2022
			The user can submit a file for input			4/20/2022
			command can be run to calculate correct OPL election results			4/20/2022
			receives correct results of the election			4/20/2022
			all tests pass and system is able to test runtime of 100000 ballots			4/20/2022
			Functionality of calcResults is maintained, but all functionality that involves reading from files is moved to readinput()			4/20/2022
			"filename" command does not cause previous input filenames to be overwritten, and instead adds the supplied filename to a list of filenames			4/22/2022
			FileHandler no longer keeps track of a single filename. Instead, FileHandler maintains a list of filenames.			4/22/2022
			FileHandler.setInputFile() no longer exists, and FileHandler.addInputFile() is created with full functionality. New function checks the supplied filename for if it exists. If it exists, then it is added to the list of filenames. Otherwise it is ignored.			4/22/2022
			System creates a FileHandler object when the program starts up, this object is closed when the program is closed via the "exit" command. The System no longer creates a FileHandler object when the first valid filename is passed in.			
			2) Regression tests for new functionality run automatically every build			
			3) Code written in pairs/ viewed by other members			
			4) Duplicate code is removed through refactoring			4/22/2022
			5) Messy code cleaned up through refactoring			
			6) manual , exploratory testing has been conducted			
			7) Checkout and build fully reproducible (1+2 commands)			
			FileHandler has a getter function which returns the FileHandler's list of files.			4/22/2022
			an OPL election can be ran which draws its inputs from more than one input file			4/22/2022
			an IRV election can be ran which draws its inputs from more than one input file			4/22/2022
			the user can remove a filename from the list of filenames via a command.			4/22/2022

[illegible]