

Sprint Backlog - updated 4/16/20 - Team 3: Archer (deak0007), Baker (bake1358), Kluegel (klue0037), Spitzer-Resnick (spitz123)

Priority	PBI	Assignment/Task (Not Started)	Assignment/Task (In-progress)	Assignment/Task (Complete)	Team Member	Time(hr)	Start date	Due on
1	Fix Project 1 Code		STV Election (compile and debug) (Hailin coded, understands algorithm, Colin recoded with map)		Archer/Kluegel		4/14/2020	
			First Ballot Number Assignment (code, compile and debug) - break ties - AFTER STV Election task		Archer/Kluegel		4/14/2020	
				Logger (code)	Archer, Hailin			
		Add logging code to plurality election		Archer, Hailin				
		Add logging code to stv election		Archer, Hailin				
			STV Election (unit test)		Kluegel, Colin		4/16/2020	
			Logger (unit test)		Archer/Baker			
		System test (code and run - comprehensive ballot files)		Archer/Kluegel				
			Add doxygen Doxyfile to makefile	Spitzer-Resnick, Josh	1hr	4/15/2020		
		Write loop in main in UserInterface to input multiple ballot files (BallotFileProcessor appends to lists)		Spitzer-Resnick, Josh				
		Copy P1 into P2 folder	Spitzer-Resnick, Josh	1hr	4/14/2020			
2	Invalidate STV ballots without enough rankings		Invalidate STV ballots in Ballot File Processor (check VotingInfo if algorithm is STV, extra function, create invalidated_STV_ballots_std:: list<*Candidate> in VotingInfo - APPEND TO FILE SO CAN TAKE MULTIPLE BALLOT FILES) ***AND*** documentation	Baker, Bryan		4/14/2020		
			Unit test (include edge ballot file examples)	Baker, Bryan		4/15/2020		
		System test	Baker, Bryan					
			Documentation (Doxygen)	Baker, Bryan		4/14/2020		
			Documentation (Test Cases)	Baker, Bryan		4/15/2020		
	Merge into devel-p2							
3	Save a file containing invalidated ballots to disk	Ballot File Processor sends filename, text to Logger (no?)			Spitzer-Resnick, Josh			
		Write reportInvalidatedBallots function in BallotFileProcessor (Hailin)						
		Ballot File Processor creates a <logger> object then writes the invalidated ballots to this file. - COPY TO logger_invalidated_report.cc/.h			Spitzer-Resnick, Josh			
		Unit testing (VotingInfo initialized)			Spitzer-Resnick, Josh			
		System tests (erroneous ballot files)			Spitzer-Resnick, Josh			
	Documenation			Spitzer-Resnick, Josh				
4	GUI for the directory search	Learn how to create GUI - Qt Creator?			Kluegel, Colin			
		Write extra function selectFileGUI_ in main in UserInterface (input file name option - open GUI to select filename, close GUI) - THINK CAN JUST DO ONE AT A TIME BUT CHECK NOTES						
		Unit testing						
		System tests						
		Documentation (doxygen comments)						