РВІ	ID	User story	Tasks	Status	Estiamted Effort	Assigned To	
WEEK 1							
			Loop command argument count and add each argument to an array if the file exists (use				
			exists method)	Completed			
		As an election official, I want to be able to bring in multiple	If a file does not exist, display error	Completed			
		files, so that I can bring in different files from different	Make CPL and IR take in multiple files	Completed	1		
Bring in multiple files into the election system	001	locations.	All testing complete	Completed	1 hour	Chiemeka	
			Change IR constructor arguement to take an array of files	Completed			
			Loop n files to call initializeData and poppulateData n times	Completed			
		As an election official, I want the IRV files to be processed,	Testing	Completed			
Process multiple files into the IRV election system	002	so that the IRV election can be run.	CI CIN CONT	Completed	2 hours	Phuong	
			Change CPL constructor argument to take an array of files	Completed			
			Loop n files to call populateBallots, populateCandidates, and populateParties n times	Completed			
			Adjust populateBallots to increase a total ballot count by the total ballots listed in each file Change array sizes to total ballot count	Completed Completed			
Decades multiple files into the CDI cleation quotem	003	As an election official, I want the CPL files to be processed, so that the CPL election can be run.	<u> </u>	Completed	2 hours	Cidmon.	
Process multiple files into the CPL election system	003	so that the CFL election can be full.	Adjust unit testing to for changes Add new function to format and output table	Completed	2 hours	Sidney	
			Add new function to format and output table Add variables to track vote counts for candidates each round	Completed			
			Add tracking for exhausted ballots	Completed			
A table that shows each round of the IDV	004	As an election official, I want to see a table that shows each round of the IRV, so that the election results are understood.	Add unit testing for changes	-	4 hours	Tad	
table that shows each round of the IRV	004	round of the fixy, so that the election results are understood.	0 0	Completed	+ HOULS	Ted	
			Track each round's vote total for each candidate Calculate vote differences using tracked counts	Completed Completed			
		As an election official, I want to view what votes are added	Add vote difference to table function	Completed			
View what votes are added and what votes are decreased	005	and what votes are subtracted for the IRV election, so that I	Add vote difference to table function		2 hours	Ted	
	005	can see the election process.		Completed	∠ nours	ı ed	
WEEK 2			Create population functions with array of files as input	Completed			
				-			
			Loop n files to call population functions n times	Completed			
Process multiple files into the PO election system Candidate votes are accounted for	006	As an election official, I want the files to be processed, so that the PO election can be run	Write test for entire PO election	Completed	2 hours	Chiemeka	
	000	mat the PO election can be full	For processing each file, assign ballot correctly to candidate	Completed	2 HOULS	Спистека	
			In IRV, if vote is not ranked for at least half the candidates, invalidate vote	Completed			
			Unit test new functionality	-			
	007	As an election official, I want candidates' votes to be accounted for so that the integrity of the election holds.	Unit test new functionality	Completed Completed	2 hours	Ted	
IRV ballots to have at least half the candidates ranked for it to be valid	007	accounted for so that the integrity of the election holds.	Change namulateDate to subsuret invalid ballets		2 Hours	1 eu	
			Change populateData to exhaust invalid ballots Add invalid ballots to a file	Completed Completed			
		As an election official, I want IRV ballots to have at least	Unit test new functionality	Completed			
	008	half the candidates ranked for it to be valid, so that the election maintains its validity.	Office test new functionality	Completed	2 hours	Ted	
	008	election maintains its validity.	Create new function to create exhausted ballot file	Completed	2 Hours	1 eu	
			Loop through ballots to find any ballots with current vote of -1	Completed			
		As an election official, I want to see a new file containing all	Output exhausted ballots to the new file	Completed			
	009	of the invalidated votes after an IRV election completes, so that even unused ballots are accounted for.	-	-	1 hour	Dhuana	
A new file containing all of the invalidated votes	009	that even unused ballots are accounted for.	Testing	Not Started	1 nour	Phuong	
			Loop through n candidates, using a find largest algorithm to keep track of the highest vote count	Completed			
			If the current vote count is equal to the highest vote count, keep track with an arraylist	- Simpleted			
		As an election official I want the PO shorter to 4	(number of ties unknown)	Completed			
		As an election official, I want the PO election to determine a single winner when there are no ties, so I can announce a	If there is no tie, declare candidate with the highest vote count from the loop as winner	Completed			
The PO election determines a single winner when there are no ties	010	winner.	Use variable to contain the winner to use when displaying results	Completed	4 hours	Chiemeka	
			Loop through n candidates, using a find largest algorithm to keep track of the highest vote				
1			count	Completed			
			If the current vote count is equal to the highest vote count, keep track with an arraylist				
			(number of ties unknown)	Completed			
		As an election official, I want an unbiased system to break	Call separate function that determines winner using fair coin toss	Completed			
An unbiased system to break ties for PO election	011	ties for a PO election, so that election integrity is maintained.	Fair coin toss function should generate a random number 1000 for unbiased value for each tie, which ever is closest to another unbiased generated chosen number is the winner	Completed	3 hours	Chiemeka	
THE UNIONS SYSTEM TO OFERE TIES TOLD OF CICCHOIL	011	mantaneu.	Call display() function in Election class	Completed	Jilouis	Спистека	
			Write the display() function in PO class				
		As an election official, I want to see the PO election winner	Print out statements for the election	Completed			
The PO election winner and stats displayed on the screen	012	and stats displayed on the screen at the end of the election, so that I can see the results.	rini out statements for the election	Completed	1 hour	Phuong	
	012	so and a cuit see the results.	Process files assign votes to candidates	Completed	. noui	- nuong	
		Process files, assign votes to candidates Completed Call determine winner/need for a tie Completed					
				Completed			
Run the entire PO election	013	As an election official, I want the PO election to run correctly, so that a winner can be decided	The previous step determines a winner tie or not	Completed	2 hours	Chiemeka	
kun me entire PO election	013	correctly, so that a winner can be decided	Display results	-	2 HOULS	Спистека	
			Set up JFileChooser	Completed			
		As an election official, I want to use a pop-up (GUI)	Set up JFileChooser to select in an appropriate directory	Completed			
A GYTT		window to select files for processing, so that I can choose	Enable multiple file selection	Completed	1	G: 1	
A GUI to select files	014	the right file(s) for each election.	Enable file filter for csv filter only	Completed	4 hours	Sidney	