Title   Dosc-plane   Part   As a product owner, leven beth burnop   Carbin and Plurally above 2 apportmen   As a product owner, leven beth burnop   Carbin and Plurally above 2 apportmen   As a product owner, leven beth burnop   Carbin and Plurally above 2 apportmen   As a product owner, leven burnop   Carbin and Plurally above 2 apportmen   As a product owner, leven burnop   Carbin and Plurally   As a product owner, leven the first apportmen should be able to be feeted.    Feffort   Carbin apportmen should be able to be feeted.   Tasks   Task	No	Catarani	Sprint Backle	<u> </u>		Status	
Description  Acceptance Criteria  Acceptance Criter	NO.		_		Not Started		Einiobad
Acceptance Criteria Results of the progression of t	1		As a product owner, I want both Droop Quota and Plurality algorithm to be fully implemented, so that I can run elections using		Not Started	in Progress	rillistiea
Acceptance Circles  Effort  Effort  Lange  Title  Description  Criteria  Acceptance  Criteria  Acceptance  Criteria  First  Criteria  Acceptance  Criteria  Acceptance  Criteria  Acceptance  Criteria  Acceptance  Criteria  First  Criteria  Acceptance  Criteria  Acc			these 2 algorithms	Test for Droop algorithm		^ v	
First Large Title Change Shuffe functionalities  Facility Change Shuffe functions controlly if the "Sewdoper and purpose as the first under notice to find developer race entire developer made without information for the outside years and selected on the outside years and selected in the progress of th		Accontance				-	
Title Charge Shuffle functionalities  Respiration  Jescription  Jescri				Test for Fidinity digoritim		^	
Take Charge Shuffle functionalities As a protection where I want that developer cach have the ability to the "developer mode" by adding a "of against all the first argument as the first argument for the voltage of the policy of			Each algorithm should be able to be tested.				
Description Inserting the development of the development as the first agrament at command line; find added, the system will go into interfering the suses.  1 The system functions normally if the "development as the first agrament at command line; the disorder in the first given the system will go into interfering the suses.  1 The system functions normally if the "development agramment is not vivien." The system functions normally if the "development agramment is not vivien." The system should be the first agramment is not vivien the system should be system should be an interfering the system of the development of suse from the system should be system should be an interfering the system of the development of suse from the system should be system should be an interfering the system should be alse to properly the rule of the system should be subtle to properly the rule of the system should be subtle to properly the rule of the system should be able to properly the rule of the system should be able to premare the system should be able to premare the system should be able to properly set which the system should be able to premare the system of the system should be able to premare the system of the system should be able to premare the system should be able to premare the system should be able to premare the system should be able to start the system should be able to the system should be able to start the system should be able to the system should be able to start that the requirement by in higher to should be provided to the system should be able to start the system should be able to start that the summary and socked to the invalidate while running the section to "Nath ablasts		Effort	Large				
Description  Description  Description  Acceptance Criteria  1 The system functions normally if the "developer mode without preferring the users."  Acceptance Criteria  1 The system functions normally if the "developer argument is not include in the preferring the users.  1 The system functions normally if the "developer argument is not include an inc		Title	Change Shuffle functionalities	Tasks	Not Started	In Progress	Finished
Acceptance Criteria  Acceptance Criteria  Acceptance Criteria  Title  No User input  No User inp		Description	turn on the "developer mode" by adding a "d" argument as the first argument at command line; if not added, the system will go into user mode, so that developers can enter developer mode without		x		
Acceptance Criteria a When "Geveloper" is added as the first appurent for the voting system, the system plant of eveloper mode. The system should turn on the shaller option.  Effort Medium  Title Obserription  Title Sale I want to store detailed information such as how many believe were, the number of candidates, the number of seats, the election type in the file, so that it do not have to any information other than the file name when his the swing system. The user can include inputs, such as humber of vinners and apportion, in the input of the candidates in the number of seats, the election type in the file, so that it do not have to any information other than the file name when his the swing was the second of the seat of the candidates. The number of seats the election type in the file, so that it do not have to any information other than the file name when his the swing was the election type in the file, so that it do not have to any information other than the file name when his the swing was the election to the seat of the candidates in the number of winners and apportion, in the input os the swing system. The user can include inputs, such as number of winners and apportion, in the input os the candidates in the swing system should read to the sale to choose to run the input file by either number for swing system should read and short was a number of winners and apportion, in the input of the swing system should see the swing swing system should see the swing swing system should see the swing swin	2		The system functions normally if the "developer" argument is not added as the first input argument for the voting system.  When "developer" is added as the first arguemtent for the voting system, the system go into developer mode.  When the sytem is in developer mode, the system should turn off				
Secretaria system. the system sin developer mode. When the system should turn of the shiffle flag is set properly for droop. X  Effort Medium  Title No User Input  As a ser, I want to store detailed information such as how many ballots there were, the number of candidates, the number of seats, the system of the shiffle flag is set properly for plurality. X  Tasks Not Started In Progress Finishe Description of the system can run without error.  The system can run without read user input from the cav file.  Effort Small  Title CSV File input Mode  As a ser, I want to be able to choose of our nitro input file by either sitemans, so that I can have a more fiscible way to input the CSV file.  The system can run without error.  The system can run without error than the file range is not included as an argument.  The system can run without or control in the standard or control in		Acceptance					
Effort Medium  Title No User Input  As a user, I want to store detailed information such as how many has a user, I want to store detailed information such as how many has a user, I want to store detailed information such as how many has a user, I want to store detailed information such as how many has a user, I want to store detailed information such as how many has a user, I want to store detailed information such as how many has a user, I want to be the voting system.  Acceptance Criteria  Title CSV File input Mode  Title CSV File input Mode  Acceptance Criteria  The system can run without error.  The user can include the input file many and input file by either minibiling it as an argument, or be prompted to eiter an input file by either minibiling it as an argument, or be prompted to eiter an input file by either minibiling it as an argument, or be prompted to eiter an input file by either minibiling it as an argument, or be prompted to eiter an input file by either minibiling it as an argument, or be prompted to eiter an input file by either minibiling it as an argument, or be prompted to eiter an input file by either minibiling it as an argument, or be prompted to eiter an input file by either minibiling it as an argument, or be prompted to eiter an input file by either minibiling it as an argument, or be prompted to eiter an input file by either minibiling it as an argument, or be prompted to eiter an input file by either minibiling it as an argument, or be prompted to eiter an input file by either minibiling it as an argument, or be prompted to eiter an input file by either minibiling it as an argument, or be prompted to eiter an input file by either minibility in the sale to either the source of the input file and an argument.  The user can include the input file and a an argument.  The system can run without error.  The system ca				Test if the shiffle flag is set properly for droop	X		
Title No User Input As a paser, learn to store detailed information such as how many hallots then veiers, the number of candidates, the number of seats, and the severe in the severe in the number of seats, and the severe in the number of seats, and the severe in the seat of the number of seats, and the severe in the seat of the number of seats, and the severe of the number of seats, and the severe in the number of seats, and the seat of the number of seats, and the seats of the s				Test if the shiffle flag is set properly for plurality	x		
Acceptance Criteria  Title Acceptance Criteria  Bablot should be validated while running the election -Balot should root be validated while running the election -Balot should be validated while running the election -Balot should be lection official, I want to get a file that has the summary and certification as the true in leced.  The system man run without error.  The system can run without error.  The							
Description beliebts there were, the number of candidates, the number of seats, beliebts there were, the number of candidates, the number of seats, beliebts the color hype in the file, so that it on the text on include the input system.  Acceptance Criteria  Title CSV File Input Mode  Title CSV File Input Mode  As a user, I want to be able to choose to run the input file by either including it as an argument, or be prompted to enter an input some concerning the surface of the input file and a some of the input file and the input file and the input file and the input file and the input file		Title	No User Input	Tasks	Not Started	In Progress	Finished
Acceptance Criteria  Title CSV File Input Mode Tasks Not Started In Progress Finishe  Effort Small  Title CSV File Input Mode Tasks Not Started In Progress Finishe As a user, I want to be able to choose to run the input file by ether input filename, so that I can have a more flexible way to input the CSV file.  Acceptance Criteria  Title Similary Title CSV File Input Mode  Tasks Not Started In Progress Finishe Modify code to properly store input can flex main function to allow multiple input parameters  Modify code to properly store input can flex main function when user input filename, so that I can have a more flexible way to input the CSV file.  Acceptance Criteria  Title Ballot Validation  Effort Small  Title Ballot Validation  Acceptance Criteria  Title Ballot Should not be walked as an argument, the system will prompt the user to enter the source of the input file.  Title Ballot Should not be walked the point of data collection Valid ballot should be properly distributed, invalid ballot should be properly distributed, invalid ballot should be added to the invalidated at the point of data collection Toda will be added to the invalidated votes list.  Title Cesture Criteria  Acceptance Criteria  Acceptance Criteria  Title Get summary from Audit Report  Title Cest summary from Audit Report  Acceptance Criteria  Acceptance Criteria  Acceptance Criteria  Title Get summary from Audit Report  Acceptance Criteria  Title Cest summary from Audit Report  Acceptance Criteria  Title Get summary from Audit Report  Acceptance Criteria  Title Cest summary from Audit Report  Acceptance Criteria  Title Cest summary from Audit Report  Title Cest summary from Audit Report  Acceptance Criteria  Title Cest summary from Audit Report  Acceptance Criteria  Title Cest summary from Audit Report  Title Cest su		Description	ballots there were, the number of candidates, the number of seats, the election type in the file, so that I do not have to any information	Determine the format/order of user input in csv file	×		
Acceptance Criteria  *The user can include inputs, such as number of winners and algorithm, in the input cs wile.  *The system should read user input from the cav file.  *Title  *Title  *Title  **CSV File Input Mode  As a user, I want to be able to choose to run the input file by either including it as an argument, or be prompted to enter an input file.  *The system can run without error.  *The system main function to allow multiple input parameters are main function when user input file in arme as an argument.  *Test program main function when user input file system can as an argument.  *Test program main function when user does not input file arme as an argument.  *Test program main function when user does not input file system can as an argument.  *Tasks  *Not Started  *In Progress  *Finishe  *Tasks  *Not Started  *In Progress  *Finishe  *Tasks  *Not Started  *In Progress  *Finishe  *Tasks  *In Progress  *Finishe  *Test if revalidated ballots contribute to the election.  *Valid ballot should be properly distributed, invalid ballot should be added to the invalidated valid canning the electio	3		. The custom con run without orres		х		
Effort Small  Title CSV File input Mode  Description   Description   Description   Description   Progress   Program with developer mode   Program with developer mode   Progress   Program with developer mode   Program with developer mode   Progress   Program with developer mode   Program with developer mode   Progress   Program with developer mode   Progress   Program with developer mode   Program with d			The user can include inputs, such as number of winners and		х		
Title CSV File Input Mode  As a user, I want to be able to choose to run the input file by either including it as an argument, or be prompted to enter an input filename, so that I can have a more flexible way to input the CSV filename, so that I can have a more flexible way to input the CSV filename, so that I can have a more flexible way to input the CSV filename is so that I can have a more flexible way to input the CSV filename.  **The system can run without error.**  **The user can include the input filename as an argument.**  **If the input file name is not included as an argument.**  **If the input file name is an argument as an argument		Criteria			Х		
Title CSV File Input Mode  As a user, I want to be able to choose to run the input file by either including it as an argument, or be prompted to enter an input filename, so that I can have a more flexible way to input the CSV filename, so that I can have a more flexible way to input the CSV filename, so that I can have a more flexible way to input the CSV filename is so that I can have a more flexible way to input the CSV filename.  **The system can run without error.**  **The user can include the input filename as an argument.**  **If the input file name is not included as an argument.**  **If the input file name is an argument as an argument							
Acceptance Criteria  Acceptance Criteria  Title Ballot Validation Description  Acceptance Criteria  Title Criteria  Acceptance Criteria  Title  Acceptance Criteria  Acceptance Criteria  Title  Acceptance Criteria  Title  Acceptance Criteria  Acceptance Criteria  Title  Acceptance Criteria  Acceptance Criteria  Title  Acceptance Criteria  Acceptance Criteria  Acceptance Criteria  Acceptance Criteria  Title  Acceptance Criteria  Acceptance Criteria  Acceptance Criteria  Title  Acceptance Criteria  Acceptance C							
Acceptance Criteria  - The system can run without error The user can include the input file name as an argument The the input file name is not included as an argument, the system will prompt the user to enter the source of the input file.  Effort Small  Title Ballot Validation  Acceptance Criteria  - Sa an election official, I want a ballot to be considered as valid if and only if it has at least half of the candidates ranked when using Droop Quota so that I can fulfill the requirement by my higher ups.  - Sallot should not be validated at the point of data collection - Ballot should be roperly distributed, invalid ballot should be added to the invalidated votes list.  - Sallot should be roperly store input csv filename			As a user, I want to be able to choose to run the input file by either including it as an argument, or be prompted to enter an input filename, so that I can have a more flexible way to input the CSV	Modify program main function to allow multiple		in Progress	rinisned
Acceptance Criteria  The system can run without error.  The user can include the input file name as an argument. If the input file name as an argument will prompt the user to enter the source of the input file.  Effort Small  Title Ballot Validation  As an election official, I want a ballot to be considered as valid if and only if it has at least half of the candidates ranked when using Droop Quota so that I can fulfill the requirement by my higher ups.  **Ballot should be validate while running the election "Valid ballot should be properly distributed, invalid ballot should be added to the invalidated votes list.  Test program main function when user input file name as an argument.  Test program with developer mode  X  Test program with developer mode  X  Tasks  Not Started In Progress Finishe  Modify droop quota algorithm to validate ballot willie running the election  **Pallot should be validated while running the election "Valid ballot should be properly distributed, invalid ballot should be added to the invalidated votes list.  Test if it walidated ballots are removed to the invalidated ballot list  Tasks  Not Started In Progress Finishe  Test if the validated ballots are removed to the invalidated ballot list  Tasks  Not Started In Progress Finishe  Tasks  Not Started In Progress Finishe  Test if invalidated ballots are removed to the invalidated ballot list  Tasks  Not Started In Progress Finishe  Tasks  Not Started In Progress Finishe  Modify program main function when user input file and each graph and argument.  Test program main function when user input file name as an argument.  Test program with developer mode  X  Test program with developer mode  Tasks  Not Started In Progress Finishe  Test if the validated ballot scontribute to the election  Tasks In validated ballot while running the detection process, so I can ge			ille.	Modify code to properly store input csy filename	X		
Test program main function when user does not input file amerie as an argument. The system will prompt the user to enter the source of the input file.	4		The system can run without error.				
Effort Small  Title Ballot Validation As an election official, I want a ballot to be considered as valid if and only if it has at least half of the candidates ranked when using Droop Quota so that I can fulfill the requirement by my higher ups.  Ballot should not be validated at the point of data collection Ballot should be validated while running the election Valid ballot should be properly distributed, invalid ballot should be added to the invalidated votes list.  Effort Medium  Title Get summary from Audit Report As a election official, I want to get a file that has the summary and certification of the election process, so I can get all important information as the time I need.  Acceptance Criteria  Acceptance Criteria  Acceptance Criteria  Title Get summary from Audit Report As a election official, I want to get a file that has the summary and certification of the election process, so I can get all important information as the time I need.  The output file should contianing the date, type of election, the candidates, the number of seats, and the winners of the election, the candidates, the number of seats, and the winners of the election, the candidates, the number of seats, and the winners of the election. The output file should be in the same directory as the audit report Test if the validated ballots contribute to the election Test if the validated ballots contribute to the election Test if novalidated ballots are removed to the invalidated ballot is at the validated ballots are removed to the invalidated ballot is at the validated ballot is at the validated ballots are removed to the invalidated ballot is at the validated ballot sontribute to the election Test if the validated ballots contribute to the election Test if the validated ballots contribute to the validated ballots sontribute to the election Test if the validated ballots contribute to the validated ballots sontribute to the validated ba							
Title Ballot Validation  As an election official, I want a ballot to be considered as valid if and only if it has at least half of the candidates ranked when using Droop Quota so that I can fulfill the requirement by my higher ups.  Ballot should not be validated at the point of data collection  Ballot should be validated words list.  Ballot should be validated words list.  Test if the validated ballots contribute to the election  Valid ballot should be properly distributed, invalid ballot should be added to the invalidated votes list.  Title Get summary from Audit Report  As a election official, I want to get a file that has the summary and certification of the election process, so I can get all important information as the time I need.  Acceptance Criteria  Acceptance Criteria  Tasks Not Started In Progress Finishe  Test if the validated ballots contribute to the election  Test if invalidated ballots are removed to the invalidated ballot list  Tasks Not Started In Progress Finishe  Modify program and provided ballot list  Test if invalidated ballots are removed to the invalidated ballot sare removed to the invalidated ballot list  Test if invalidated ballots are removed to the invalidated ballot sare removed to the invalidated ballot list  Test if invalidated ballots are removed to the invalidated ballot sare removed to the invalidated ballot list  Test if invalidated ballots are removed to the invalidated ballot sare removed to the election  Test if invalidated ballots are removed to the invalidated ballot sare			The user can include the input file name as an argument. If the input file name is not included as an argument, the system	file name as an arguement  Test program main function when user does	х		
As an election official, I want a ballot to be considered as valid if and only if it has at least half of the candidates ranked when using Droop Quota so that I can fulfill the requirement by my higher ups.  Ballot should not be validated at the point of data collection  Ballot should be validated while running the election  Valid ballot should be properly distributed, invalid ballot should be added to the invalidated votes list.  Fittle Get summary from Audit Report  Basecription  Title Get summary from Audit Report  Tasks  Not Started  In Progress  Finishe  Acceptance  Criteria  Tasks  Not Started  Nodify program main function to call write_output file candidates, the number of seats, and the winners of the election.  The output file should containing the date, type of election, the candidates, the number of seats, and the winners of the election.  Test if the validated ballots contribute to the election  Test if invalidated ballots are removed to the invalidated ballot list  Tasks  Not Started  In Progress  Finishe  Modify program main function to call write_output()  Test if output file can write properly  X  Test if the generated output file can target properly  X  Test if the generated output file contains required  X			The user can include the input file name as an argument. If the input file name is not included as an argument, the system	file name as an arguement Test program main function when user does not input file name as an arguement	x x		
and only if it has at least half of the candidates ranked when using Droop Quota so that I can fulfill the requirement by my higher ups.  **Ballot should not be validated at the point of data collection**  **Ballot should be validated while running the election**  **Valid ballot should be properly distributed, invalid ballot should be added to the invalidated votes list.**  **Effort**  **Betting Test if the validated ballots contribute to the election**  **Valid ballot should be properly distributed, invalid ballot should be added to the invalidated votes list.**  **Title**  **Description**  **Description**  **Acceptance Criteria**  **Acceptance Criteria**  **Acceptance Criteria**  **Acceptance Criteria**  **The system should be able to generate an output file from the election or the election process, and the winners of the election. The output file should be ontaining the detait, bype of election, the candidates, the number of seats, and the winners of the election. The output file should be ballet owners of the election. The output file should be properly as the audit report. Test if the validated ballots contribute to the election and the same directory as the audit report. Test if output file contains required and output file contains required. Test if the generated output file contains required. Test if the generated output file contains required. Test if the generated output file contains required.		Criteria	The user can include the input file name as an argument. If the input file name is not included as an argument, the system will prompt the user to enter the source of the input file.  Small	file name as an arguement Test program main function when user does not input file name as an arguement	x x		
Ballot should not be validated at the point of data collection Ballot should be validated while running the election Valid ballot should be properly distributed, invalid ballot should be added to the invalidated votes list.  Effort Medium  Title Get summary from Audit Report  As a election official, I want to get a file that has the summary and certification of the election process, so I can get all important information as the time I need.  Acceptance Criteria  Acceptance Criteria  Ballot should not be validated at the point of data collection Valid ballot should be validated while running the election Test if invalidated ballots are removed to the invalidated ballot list  Tasks Not Started In Progress Finishe  Modify program main function in VotingSystem class  Valid ballot should be be added to the invalidated while running the election the delection. The output file should contianing the date, type of election, the candidates, the number of seats, and the winners of the election. The output file should be in the same directory as the audit report Test if output file contains required Test if the generated output file contains required Test if the generated output file contains required Test if until time and the firm the invalidated ballots are removed to the many class of the lelection.  Test if invalidated ballots are removed to the many class of the lelection in test file value believed invalidated ballot list  X  Insurance Criteria  Tasks Not Started In Progress Finishe Modify program main function to call write_output()  Test if output file can write properly Test if the generated output file contains required X		Criteria Effort	The user can include the input file name as an argument. If the input file name is not included as an argument, the system will prompt the user to enter the source of the input file.  Small	file name as an arguement Test program main function when user does not input file name as an arguement Test program with developer mode	x x x	In Progress	Finished
Valid ballot should be properly distributed, invalid ballot should be added to the invalidated votes list.    Effort   Medium   Title   Get summary from Audit Report   Tasks   Not Started   In Progress   Finishe		Criteria  Effort  Title	The user can include the input file name as an argument. If the input file name is not included as an argument, the system will prompt the user to enter the source of the input file.  Small  Ballot Validation  As an election official, I want a ballot to be considered as valid if and only if it has at least half of the candidates ranked when using	file name as an arguement Test program main function when user does not input file name as an arguement Test program with developer mode  Tasks  Modify droop quota algorithm to validate ballot	X X X X Not Started	In Progress	Finished
First Medium  Title Get summary from Audit Report  As a election official, I want to get a file that has the summary and certification of the election process, so I can get all important information as the time I need.  Acceptance Criteria  Acceptance Acceptance Criteria  Acceptanc	5	Criteria  Effort  Title	The user can include the input file name as an argument. If the input file name is not included as an argument, the system will prompt the user to enter the source of the input file.  Small  Ballot Validation  As an election official, I want a ballot to be considered as valid if and only if it has at least half of the candidates ranked when using Droop Quota so that I can fulfill the requirement by my higher ups.  Ballot should not be validated at the point of data collection	file name as an arguement Test program main function when user does not input file name as an arguement Test program with developer mode  Tasks  Modify droop quota algorithm to validate ballot while running the election  Test if the validated ballots contribute to the	X X X Not Started X	In Progress	Finished
Title Get summary from Audit Report Tasks Not Started In Progress Finishe  Description As a election official, I want to get a file that has the summary and certification of the election process, so I can get all important information as the time I need.  - The system should be able to generate an output file from the election - The output file should containing the date, type of election, the candidates, the number of seats, and the winners of the election The output file shoule be in the same directory as the audit report - Test if output file contains required - Test if the generated output file contains required - Test if the generated output file contains required - Test if the generated output file contains required	5	Effort Title Description Acceptance	The user can include the input file name as an argument. If the input file name is not included as an argument, the system will prompt the user to enter the source of the input file.  Small Ballot Validation  As an election official, I want a ballot to be considered as valid if and only if it has at least half of the candidates ranked when using Droop Quota so that I can fulfill the requirement by my higher ups.  Ballot should not be validated at the point of data collection Ballot should be validated while running the election Valid ballot should be properly distributed, invalid ballot should be	file name as an arguement Test program main function when user does not input file name as an arguement Test program with developer mode  Tasks  Modify droop quota algorithm to validate ballot while running the election Test if the validated ballots contribute to the election Test if invalidated ballots are removed to the	X X X Not Started X	In Progress	Finished
Title Get summary from Audit Report Tasks Not Started In Progress Finishe  Description As a election official, I want to get a file that has the summary and certification of the election process, so I can get all important information as the time I need.  - The system should be able to generate an output file from the election - The output file should containing the date, type of election, the candidates, the number of seats, and the winners of the election The output file shoule be in the same directory as the audit report - Test if output file contains required - Test if the generated output file contains required - Test if the generated output file contains required - Test if the generated output file contains required	5	Effort Title Description Acceptance	The user can include the input file name as an argument. If the input file name is not included as an argument, the system will prompt the user to enter the source of the input file.  Small Ballot Validation  As an election official, I want a ballot to be considered as valid if and only if it has at least half of the candidates ranked when using Droop Quota so that I can fulfill the requirement by my higher ups.  Ballot should not be validated at the point of data collection Ballot should be validated while running the election Valid ballot should be properly distributed, invalid ballot should be	file name as an arguement Test program main function when user does not input file name as an arguement Test program with developer mode  Tasks  Modify droop quota algorithm to validate ballot while running the election Test if the validated ballots contribute to the election Test if invalidated ballots are removed to the	X X X Not Started X	In Progress	Finished
As a election official, I want to get a file that has the summary and certification of the election process, so I can get all important information as the time I need.  - The system should be able to generate an output file from the election - The output file should containing the date, type of election, the candidates, the number of seats, and the winners of the election - The output file shoule be in the same directory as the audit report - Test if output file contains required - Test if the generated output file contains required - Test if the generated output file contains required	5	Effort Title Description Acceptance Criteria	The user can include the input file name as an argument. If the input file name is not included as an argument, the system will prompt the user to enter the source of the input file.  Small  Ballot Validation  As an election official, I want a ballot to be considered as valid if and only if it has at least half of the candidates ranked when using Droop Quota so that I can fulfill the requirement by my higher ups.  Ballot should not be validated at the point of data collection Ballot should be validate while running the election Valid ballot should be properly distributed, invalid ballot should be added to the invalidated votes list.	file name as an arguement Test program main function when user does not input file name as an arguement Test program with developer mode  Tasks  Modify droop quota algorithm to validate ballot while running the election Test if the validated ballots contribute to the election Test if invalidated ballots are removed to the	X X X Not Started X	In Progress	Finished
**Cceptance Criteria**      **The system should be able to generate an output file from the election     **The output file should contianing the date, type of election, the candidates, the number of seats, and the winners of the election.     **The output file should contianing the date, type of election, the candidates, the number of seats, and the winners of the election.     **The system should be able to generate an output file from the election write_output()  Test if output file can write properly  Test if the generated output file contains required  X	5	Effort Title Description Acceptance Criteria	The user can include the input file name as an argument. If the input file name is not included as an argument, the system will prompt the user to enter the source of the input file.  Small Ballot Validation  As an election official, I want a ballot to be considered as valid if and only if it has at least half of the candidates ranked when using Droop Quota so that I can fulfill the requirement by my higher ups.  Ballot should not be validated at the point of data collection Ballot should be validate while running the election Valid ballot should be properly distributed, invalid ballot should be added to the invalidated votes list.	file name as an arguement Test program main function when user does not input file name as an arguement Test program with developer mode  Tasks  Modify droop quota algorithm to validate ballot while running the election Test if the validated ballots contribute to the election Test if invalidated ballots are removed to the invalidated ballot list	X X X Not Started X X X		
Acceptance Criteria  - The output file should contianing the date, type of election, the candidates, the number of seats, and the winners of the election.  - The output file shoule be in the same directory as the audit report  Test if output file can write properly  X  Test if the generated output file contains required  X	5	Effort Title Description  Acceptance Criteria  Effort Title	The user can include the input file name as an argument. If the input file name is not included as an argument, the system will prompt the user to enter the source of the input file.  Small  Ballot Validation  As an election official, I want a ballot to be considered as valid if and only if it has at least half of the candidates ranked when using Droop Quota so that I can fulfill the requirement by my higher ups.  Ballot should not be validated at the point of data collection Ballot should be validated while running the election Valid ballot should be properly distributed, invalid ballot should be added to the invalidated votes list.  Medium  Get summary from Audit Report  As a election official, I want to get a file that has the summary and certification of the election process, so I can get all important	file name as an arguement Test program main function when user does not input file name as an arguement Test program with developer mode  Tasks  Modify droop quota algorithm to validate ballot while running the election Test if the validated ballots contribute to the election Test if invalidated ballots are removed to the invalidated ballot list  Tasks  Implement write_output function in VotingSystem	X X X Not Started X X Not Started		
Criteria candidates, the number of seats, and the winners of the election.  • The output file shoule be in the same directory as the audit report.  Test if the generated output file contains required X	5	Effort Title Description  Acceptance Criteria  Effort Title	The user can include the input file name as an argument. If the input file name is not included as an argument, the system will prompt the user to enter the source of the input file.  Small  Ballot Validation  As an election official, I want a ballot to be considered as valid if and only if it has at least half of the candidates ranked when using Droop Quota so that I can fulfill the requirement by my higher ups.  Ballot should not be validated at the point of data collection Ballot should be validated while running the election Valid ballot should be properly distributed, invalid ballot should be added to the invalidated votes list.  Medium  Get summary from Audit Report  As a election official, I want to get a file that has the summary and certification of the election process, so I can get all important information as the time I need.  The system should be able to generate an output file from the	file name as an arguement  Test program main function when user does not input file name as an arguement  Test program with developer mode  Tasks  Modify droop quota algorithm to validate ballot while running the election  Test if the validated ballots contribute to the election  Test if invalidated ballots are removed to the invalidated ballot list  Tasks  Implement write_output function in VotingSystem class  Modify program main function to call	X X X Not Started X X X Not Started X X		Finished
	5	Effort Title Description  Acceptance Criteria  Effort Title  Description	The user can include the input file name as an argument. If the input file name is not included as an argument, the system will prompt the user to enter the source of the input file.  Small Ballot Validation  As an election official, I want a ballot to be considered as valid if and only if it has at least half of the candidates ranked when using Droop Quota so that I can fulfill the requirement by my higher ups.  Ballot should not be validated at the point of data collection Ballot should be validate while running the election Valid ballot should be properly distributed, invalid ballot should be added to the invalidated votes list.  Medium  Get summary from Audit Report  As a election official, I want to get a file that has the summary and certification of the election process, so I can get all important information as the time I need.  The system should be able to generate an output file from the election The output file should contianing the date, type of election, the	file name as an arguement  Test program main function when user does not input file name as an arguement  Test program with developer mode  Tasks  Modify droop quota algorithm to validate ballot while running the election  Test if the validated ballots contribute to the election  Test if invalidated ballots are removed to the invalidated ballot list  Tasks  Implement write_output function in VotingSystem class  Modify program main function to call write_output()	X X X X Not Started X X X Not Started X X		
	5	Effort Title Description  Acceptance Criteria  Effort Title Description	The user can include the input file name as an argument. If the input file name is not included as an argument, the system will prompt the user to enter the source of the input file.  Small  Ballot Validation  As an election official, I want a ballot to be considered as valid if and only if it has at least half of the candidates ranked when using Droop Quota so that I can fulfill the requirement by my higher ups.  Ballot should not be validated at the point of data collection Ballot should be validate while running the election Valid ballot should be properly distributed, invalid ballot should be added to the invalidated votes list.  Medium  Get summary from Audit Report  As a election official, I want to get a file that has the summary and certification of the election process, so I can get all important information as the time I need.  The system should be able to generate an output file from the election The output file should contianing the date, type of election, the candidates, the number of seats, and the winners of the election. The output file should be in the same directory as the audit report	file name as an arguement Test program main function when user does not input file name as an arguement Test program with developer mode  Tasks  Modify droop quota algorithm to validate ballot while running the election Test if the validated ballots contribute to the election Test if invalidated ballots are removed to the invalidated ballot list  Tasks  Implement write_output function in VotingSystem class Modify program main function to call write_output() Test if output file can write properly Test if the generated output file contains required	X X X Not Started X X X Not Started X X X X		