Comitted Backlog Items	Tasks		
	Not Started	In Progress	Completed

Previous project PBIs — PBI001

As an election official

I want the IRV and OPL elections to run as expected

So that they don't have to be performed manually, and both output the expected results so I don't worry.

Note: We are interested in functionality and not the individual tasks for the PBI.
Do not create tasks at this time.

Acceptance Criteria: *(conditions that have to be fulfilled to ensure the story is complete)*
- *There is a valid input file*
  - *Valid ballots for given election*
  - *Valid header*
- *If invalid input file, handles the process correctly*
- *Unbiased tie breaker*
- *Majority wins*
- *Saves, but ignores invalid ballots*

Definition of Done: *new code is thoroughly tested, documented, and working via system/integration testing and unit testing*

Effort: *Small, Medium, Large, Extra Large (estimate of effort and time) OR number of hours needed*

Medium | I think they run correctly, but we need to test.

PBI Author(s): Tanner, Charlie, Haneesha, Caleb

Not Started	In Progress		Completed	
	Fixing Known Bugs	Caleb	OPL audit	Tanner
	Clean up OPL/add docur	Tanner	Seed rand() Fun(	Caleb
			OPL tiebreaker	Tanner
			Documentation	Haneesha/Charlie
			Unit tests	Haneesha/Charlie
			Test logs	Haneesha/Charlie
			OPL Seats Bug	Tanner

Multiple files — PBI003

As an election official

I want to be able to bring in multiple files for the same election

So that different files can be brought in from different ballot locations

Note: We are interested in functionality and not the individual tasks for the PBI.
Do not create tasks at this time.

Acceptance Criteria: *(conditions that have to be fulfilled to ensure the story is complete)*
- *Valid input files (CSV files)*
  - *Valid ballots for given election*
  - *Valid header*
- *If invalid input file, handles correctly*

Definition of Done: *(what is required by the team before sending out for review)*
- Code fully functioning and documented
- Merges all files into an input for the given election

Effort: *Small, Medium, Large, Extra Large (estimate of effort and time) OR number of hours needed*

Small

PBI Author(s): Tanner, Charlie, Caleb, Haneesha

Not Started	In Progress		Completed	
			Code mechanism for taking in multiple	Caleb
			Code loop for reading each file per ite	Caleb
			Code the distribution of ballots to data	Caleb
			Unit tests	Haneesha
			Test logs	Charlie
	Doxygen	Charlie/Haneesha		

IRV invalidated ballots — PBI006

As an election official

I want the IRV ballots to have at least half the candidates ranked for the valid ballots. The Ballots will not be invalidated at the point of collection but will be invalidated when the election is run.
So that invalidated ballots are removed from the election and a file is created that stored the invalidated ballots for audit purposes.

Note: We are interested in functionality and not the individual tasks for the PBI.
Do not create tasks at this time.

Acceptance Criteria: *(conditions that have to be fulfilled to ensure the story is complete)*
- *IRV election runs properly*
- *0.5 or above is rounded to the next higher integer value*
- *Ballots are not invalided at the point of collection*

Definition of Done: *(what is required by the team before sending out for review)*
- Code fully functioning and documented
- Output displayed to the screen is as expected

Effort: *Small, Medium, Large, Extra Large (estimate of effort and time) OR number of hours needed*

MediLarge

PBI Author(s): Tanner, Charlie, Caleb, Haneesha

Not Started	In Progress		Completed	
			Code to determine if IRV ballot is v	Caleb
			Code to remove invalid ballots	Caleb
			Code to store invalid ballots for aud	Caleb
			Unit tests	Haneesha/Charlie
			Test logs	Charlie
	Doxygen	Haneesha/Charlie		

CSV file handled for PO — PBI008

As an election official

I want to be able to process a CSV file to be run for popularity vote

So that I do not have to manually input the data and the popularity vote can run as expected

Note: We are interested in functionality and not the individual tasks for the PBI.
Do not create tasks at this time.

Acceptance Criteria: *(conditions that have to be fulfilled to ensure the story is complete)*
- *There is a valid input file (csv format)*
  - *Valid ballots for given election*
  - *Valid header*
- *If invalid input file, handles correctly*

Definition of Done: *(what is required by the team before sending out for review)*
- Code fully functioning
- Thoroughly tested via unit testing and system/integration testing

Effort: *Small, Medium, Large, Extra Large (estimate of effort and time) OR number of hours needed*

Small

PBI Author(s): Tanner, Charlie, Caleb, Haneesha

Not Started	In Progress		Completed	
			CSV processing	Tanner
	Clean up code, add comi	Tanner	Parsing function	Tanner
			Unit tests	Haneesha
			Test logs	Charlie
	Doxygen	Charlie/Haneesha		

PO election — PBI002

As an election official

I want to be able to run a popularity vote with the voting software

So that I do not have to manually run it, and it outputs the expected results

Note: We are interested in functionality and not the individual tasks for the PBI.
Do not create tasks at this time.

Acceptance Criteria: *(conditions that have to be fulfilled to ensure the story is complete)*
- *There is a valid input file (csv format)*
  - *Valid ballots for given election*
  - *Valid header*
- *If invalid input file, handles correctly*
- *Unbiased tie breaker*
- *Majority wins*

Definition of Done: *(what is required by the team before sending out for review)*
- Code fully functioning and outputs expected results
- Thoroughly tested via unit testing and system/integration testing

Effort: *Small, Medium, Large, Extra Large (estimate of effort and time) OR number of hours needed*

Medium

PBI Author(s): Tanner, Charlie, Caleb, Haneesha

Not Started	In Progress		Completed	
			Implement methc	Tanner
	Clean up code, add comi	Tanner	Code the main al	Tanner
			Output results	Tanner
			Update Audit File	Tanner
			Unit testing	Haneesha
			Test logs	Charlie
	Doxygen	Charlie/Haneesha		