

Team#5  
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## Committed Backlog Items

### 1 Generality of input file location (fix problem from project 1)

As an official I want input file from any location as I want So that official could easily move file around
Acceptance and Done Criteria: Official could input file from different locations
Effort: Small

TODO	In Progress	Done
Store the input file location as a string		
Read the file name		
code to automate tests		

### 2 Identity Invalid Ballots

As an official When I use the droop algorithm, I don't want to count for ballots that are less than half of candidate ranked. So that the invalidate ballots will not be counted when the election is run with the software system.
Acceptance and Done Criteria: the algorithm will automatically exclude those ballots which less than half of candidates ranked.
Effort: Medium

TODO	In Progress	Done
Code to loop through input ballot file and check if ballots have less than half candidate ranked		

Code to design data structure to separate invalid ballots and valid ballots and store them in proper location.		
code to automate tests		

### 3 Generate report for invalid ballots

<p>As an official</p> <p>When I use the droop algorithm, the system could be able to account for all invalid ballots and generate report to disk that store all invalid ballots.</p> <p>So that the system could be able to manage them, and system could keep track of those invalid ballots for later use.</p>
Acceptance and Done Criteria: Ballots could be managed accordingly. System could generate report which contains all invalid ballots
Effort: Medium

TODO	In Progress	Done
Code to store the invalid ballots		
Code to generate report for the invalid ballots		
Code to automate tests		