Committed Backlog Items Not Started As a user, I want to get the correct results for election, so that the program should run smoothly and without bugs. Acceptance Criteria: 1. All the test cases in project 1 pass. Effort: Small As a user, I want to use graphic interfaces to search for a csv file instead of inputing the full path of it to upload, so that I do not have to use terminal or command line to upload files. Acceptance Criteria: System has the option to search csv files. User could use a graphic interface to search files. User could select the target file through the graphic Generate success or failure message after finishing this process. Effort: Large As an election official, I want to name the audit file and choose places to store the file like desktop through graphic interfaces, so that I could have more freedom to generate and name files, which could save time. Acceptance Criteria: User could rename and save audit files to computer through graphic interfaces. Generate success or failure message after finishing the process. Effort: Medium Generate Audit file failure As an election official, I want to see a shorter audit file instead include winner of a detailed one, so that I can view the results shortly and message quickly. of the selection Acceptance Criteria: Get shorter System has the option to generate a simplified version audit file option The simplified audit files include file creation dates, Audit file types of election, candidates and their parties, number include of seats and winners of the election. Generate success or failure message after finishing this Audit file number of include seats candidates Effort: Small and their parties As a user, I want to generate a summary of every election condition, which includes information about seats, parties, candidates and ballots, so that I can get the election conditions Buffer storing Summary before getting final results. general Acceptance Criteria: generation test System has the option to generate a quick overview file. information The quick overview file includes correct seats, parties, candidates and ballot number of this election. Generate success or failure message after finishing this Generate Summary success/failure generation message Effort: Medium Generate GUI for As an election official, I want to manually input the election success/failure election offcial information such as the type of voting, the number of ballots, the number of seats and then have the ballots input on the message to input screen through GUI. information Acceptance Criteria: System has the option to enter the type of voting and other information required for the election. Store System has the option to have user click the candidate Click the to vote. infomation into User could store the election information and the ballots candidates to to a CSV file. .csv file Generate success or failure message after finishing this vote GUI to start Set time for election when the Effort: Large election ends

Limited-size

Ballots

Handling

Runtime test

Generate

success/failure

message

Create multiple files with more

than 500,000 ballots to test

As an election official, I hope the program could handle more

The system could handle at least 500,000 ballots at a

Each ranking process should not take more than 5

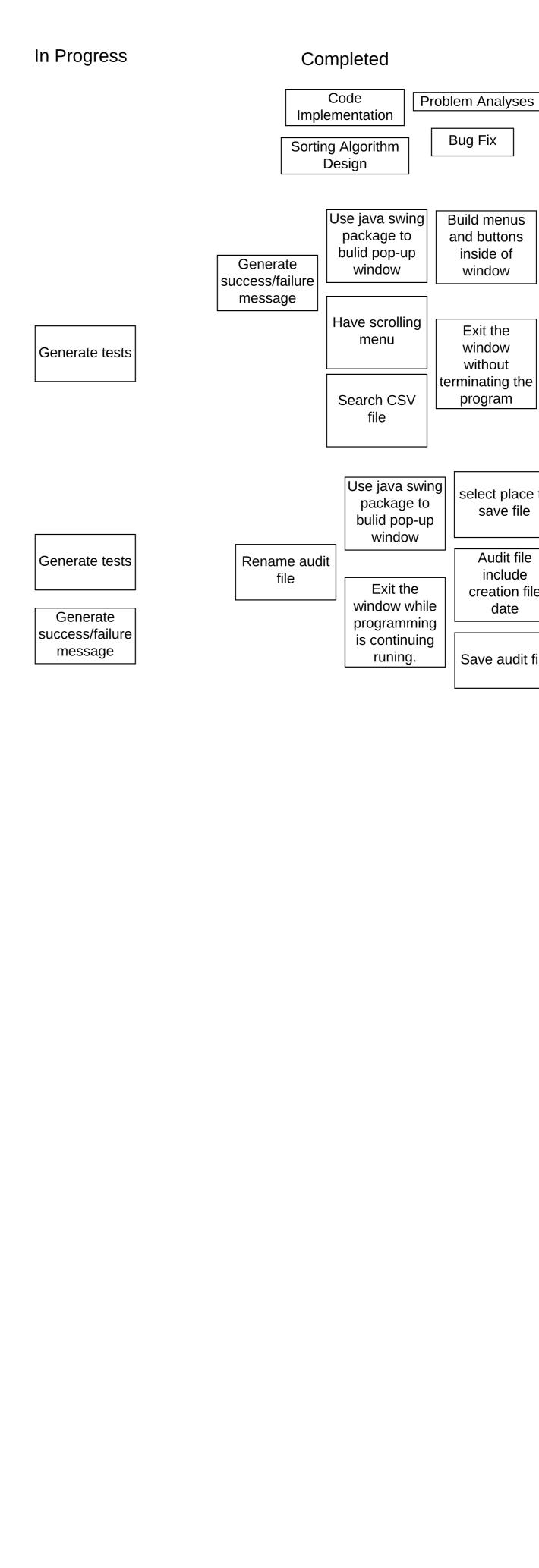
Generate success or failure message after finishing

ballots information in a relatively higher rate.

minutes.

Effort: Large

this process.



inside of

window

Exit the

window

without

program

select place to

save file

Audit file

include

creation file

date

Save audit file