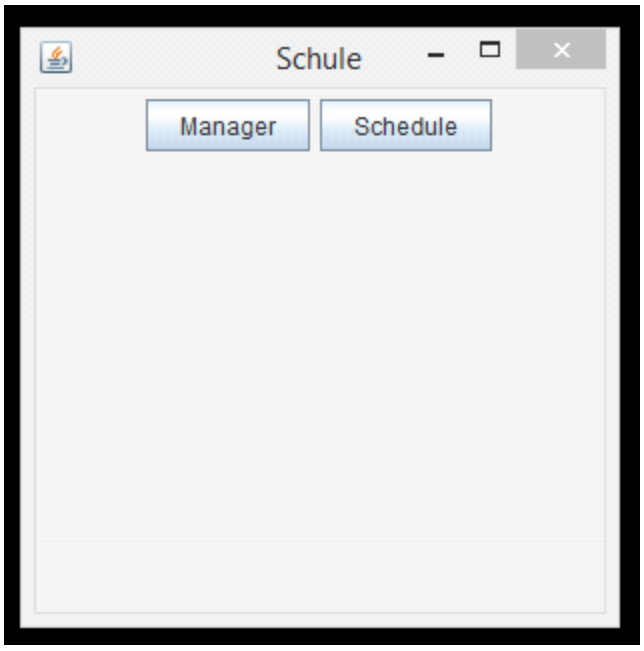
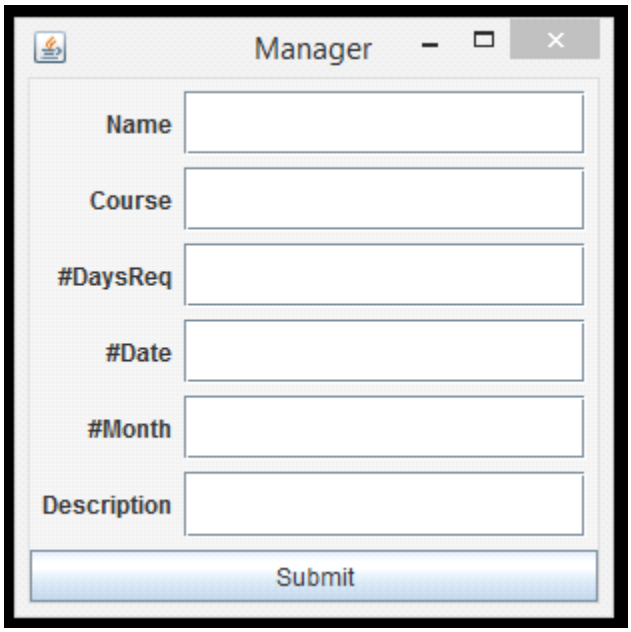
Criterion E: Evaluation

Success Criteria

- Met: There are two buttons on the main window that allow the user to navigate to the two other parts of the program.

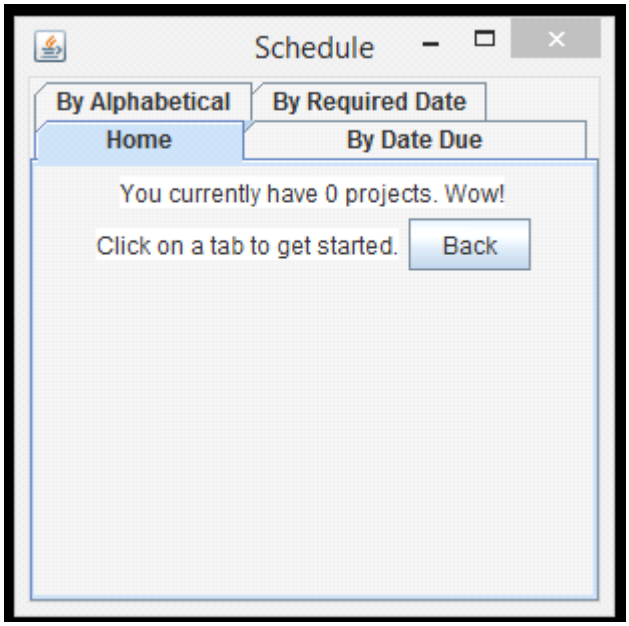


- Met: There is a window with several text fields that will receive user input to add assignments.

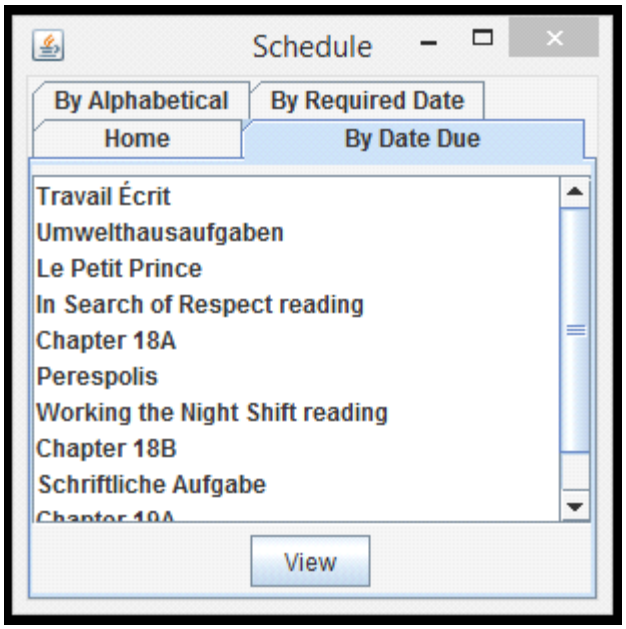


- Met: The window includes a "submit" button that will record this information, and the button will have to send the user back to the main window. The submit button's listener will return the user to the main panel, as well as record user information by creating a new Project with parameters retrieved from input within the respective text fields.

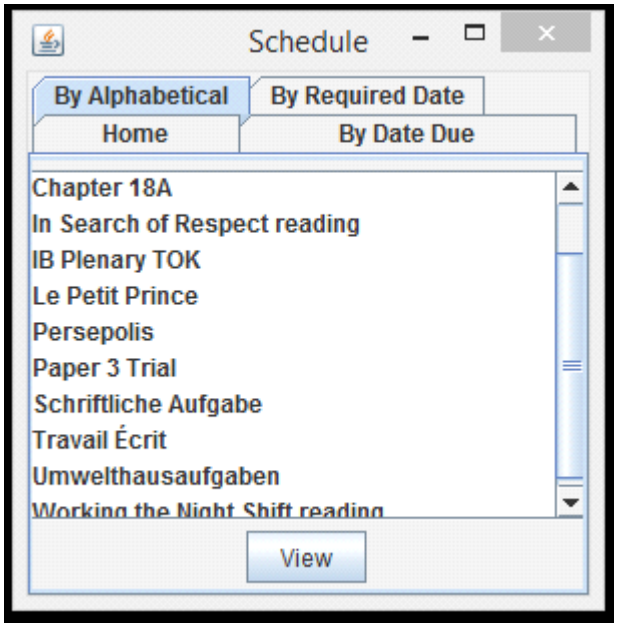
- Met: There will be a window that includes an assignment counter, with a "back" button to navigate to the original window. The back button's listener functions as it should, and the counter updates appropriately.



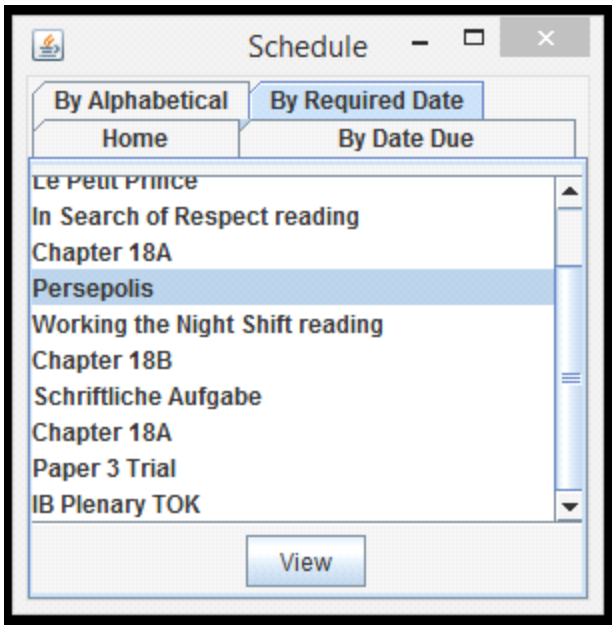
- Met. The program should display a list of projects, sorted by their respective due date. The sorting algorithm for by date due works as it should.



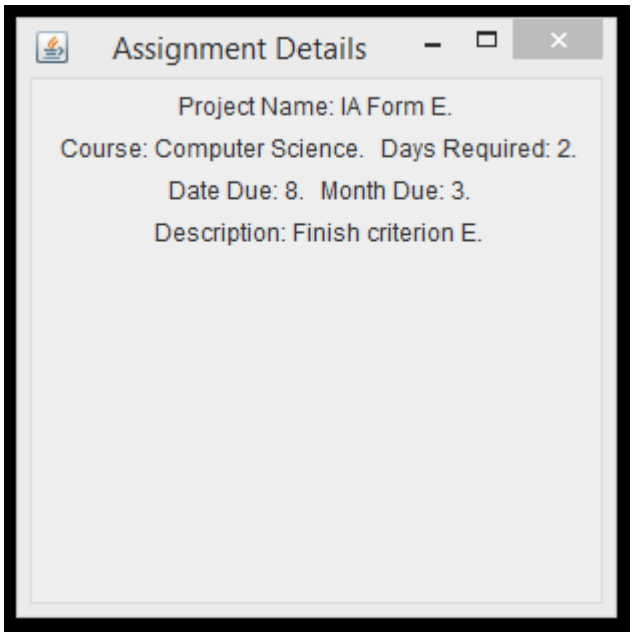
- Met: The program should display a list of projects, sorted alphabetically. The program only sorts everything alphabetically by the first character. Therefore, it is not currently a full alphabetical sort.



- Met: The program should display a list of projects, sorted by when they should be started based on date due as well as how many prospective days the project would take to finish. The sorting algorithm for by date to start works as it should.



- Met: By clicking on an assignment within a displayed list, the program should create a new window to display all of the information recorded for the specific assignment. The window contains the correct information.



Recommendations for Further Development

Save function: making the application save entries would improve functionality overall, as the program in its current state loses all information on close. Storing this information would mean users can continuously retrieve and update the information as necessary. There is no save function now because of my intense focus on the sorting algorithms, as well as my client wanting to leave the program running instead of closing and reopening it.

Improving sorts: as denoted in the document Crit_C_Development, one of the sorting algorithms can potentially mess up some information. Improving this algorithm would make the sorts far more reliable, and prevent users from getting the wrong information.

Delete/modify function: the ability to delete projects in the event one is accidentally created or fix any mistype would make the design of the program more user-friendly and user-conscious. The program's delete function would also serve as a project completion function.

Cross-platform: in the event that a user does not have access to their computer, the ability to access information on a mobile device (one of the benefits of using Java) as well as a computer means the information provided by the program is far more accessible.

Word Count: 476