Project 5-7 Status Update

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Work Done: During the first week of the project, I set up the project with library dependencies and made sure the MySQL database would connect and function properly. I also fully implemented login/signup functionalities. The front end and backend are working and tested. I also completed about half of the work on backend for the book tracking and statistics pages.

Changes/Issues: The DAO/POJOs for the relationships between books and users seemed superfluous so I got rid of them. I added a DAO for genres, but since the only thing a genre POJO would hold is a String I decided not to implement a Genre class and simply store them as Strings. I also added a connection class for accessing the database throughout the application. Additionally, I implemented a ViewManager class so that views are switched between within the same window instead of opening new windows every time the user navigates to a different page.

Patterns: As of now, the project is utilizing observers through the controllers of each view, DAOs to access tables in the database, Commands to define logic for common procedures such as buttons, Singletons to maintain a universal User and ViewManager, and MVC to put the whole thing together.

Plans for Next Iteration: On the next iteration, I will complete work on the backend for the stats and tracking pages, as well as beginning and finishing implementing the front-end UI view for those.