

Reported Bugs and Design Refactoring

Team Number: Group 1

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Login Page Bugs and Solutions

- Users can create a new account registration without a valid email address
 - This leads to issues with the verification code meant to be sent to the user's email when they forget their passwords
 - If an invalid username is used then the user will not receive the weekly newsletter
- A method was implemented to prevent the user from registering an invalid username
 - The username must be a valid email address

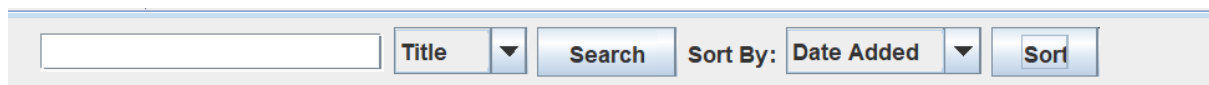
Sort/Filter Bugs and Solutions

Bug 1

- After the user uses the sort or filter features, the entire database shows lists, the list should be limited to 10 entries
- A limitation of 10 queries was added to the sort and filter features on the dashboard and ratings page

Bug 2

- When sorting, the list gets sorted as soon as we click on the filter from the drop-down. For more clarity, it would be better if we had an "OK" button that when clicked would display the list according to the filter chosen by the user.
- A "Sort" button was added next to the "Sort By" drop-down, the sort will only activate after the user presses the "Sort" button



The image shows a horizontal bar with a light blue border. On the left is a text input field. To its right is a dropdown menu with 'Title' selected. Next is a 'Search' button. To the right of the button is the text 'Sort By:'. This is followed by another dropdown menu with 'Date Added' selected. On the far right is a 'Sort' button.

Login Page Refactoring

- Proper documentation and comments were added to Login Page related features (Create new user, login, and forget password features)
- Methods in DatabaseHandler were tracked and simplified for clarity
- Common code that is being called by multiple files is only being called once at the top of the file

Dashboard Page Refactoring

- Proper documentation and comments were added to Netflix, Amazon, and Disney classes.
- Added an abstract class called BrowsingDashboard which stores duplicate methods from Netflix, Amazon, and Disney.