

Reported Issues By QA Team 3

- No restriction on leaving a rating
 - This bug comes in 2 forms:
 - A user can repeatedly rate a book, and this can affect the overall rating possibly in a malicious way
 - A user can leave multiple reviews, possibly without any review message, which can spam the review section
 - Resolved by: checking if user input is empty and have a prompt message for user to insert a review
 - Resolved by: checking condition on if the review with username and related book id (ISBN) exists in the Reviews DB table, if yes then the review description, rating, and current date will be updated. Else a new review is inserted

- Register credentials allow extraneous input
 - In the "Register Here" tab, there are no restrictions (apart from being empty) on what could possibly be entered in these fields. The email field does not require the proper email suffix e.g. @mail.com to be present.
 - Furthermore, potential credentials could simply consist of whitespace.
 - Resolved By: Introducing REGEX (regular expressions) for user login and register input when specifying required format for these fields
 - Such as no white spaces, having a valid email login that has [name@mail.com](#) format
 - Further implementation includes adding constraints for the users registering their credentials to complete the first required field while other fields are disabled. Once the user has an accepted field such as the right format for email, the next field is enabled.