Bookpicker

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Background:

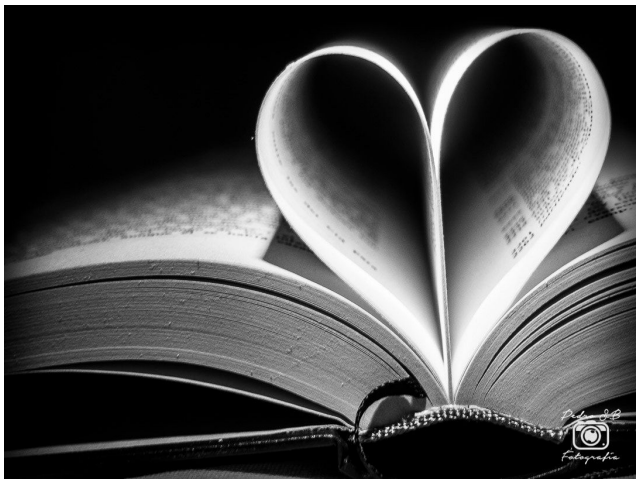
Finishing a great book is wonderful, but trying to find another book to read afterwards can be extremely discouraging-the book's sequel is never available until you've forgotten the plot of the first (if it's even written at all), and the sheer mountain of books and ebooks available with every search makes it difficult to choose just one book to read next.

Bookpicker will help solve this by letting the user select filters like author, genre, and what metric (average book rating, average author rating, etc.) they want to rank the books in the category by. The source will be a list of about 20,000 books from Goodread's most popular list. Although Goodreads and several other websites do recommend new books for users to read,

many of them prioritize books similar to books the user has previously read, reviewed, and/or rated-category search to discover new books outside one's previous interests can be overwhelming.

Proposed Methodology:

The user will select features of desired books, including genre (up to 2), page number limit, number of reviews, average review, and publishing date, as well as which (numeric) metric they want to rank the books matching their search by. A Kaggle dataset of book titles and other information, available at (https://www.kaggle.com/brosen255/goodreads-books), from a list of approximately 20,000 books obtained from Goodread's most popular list will be used for searching. Selection may be done using a formatted input file or the console.



Desired Output:

File: A file ranking all books in the dataset that match the user's selected features, ranked by a feature also specified by the user (the feature used for ranking must be numeric).

Console: The highest-ranked book that matches the user's selected features will be printed to the console.

Limitations on Project Scope:

Functionality will be limited to books on Goodread's most popular list and features able to be selected will be limited to about fourteen.