Book Sharing System

Bibliophilism is really popular among the student community of IIT KGP. We can always see students and even faculty members discussing various books that they have read or are reading currently. Most of the Bibliophiles still love to keep the hard copy of books with them, as according to them: *"a book is best read from a physical hard copy rather than any soft copy."*

Problems:
❖ Many times books are not easily available online for purchase and people struggle to get the hard copy of the book they want to read. So, they are often seen asking their acquaintances whether they have that particular book. In case that book is not with any of their acquaintances then they might drop the idea of reading that book (*which is not good at all*).
❖ Even if a person borrows a book from another person, sometimes it happens that the owner needs the book back and the owner is not able to get it back on time from the borrower. So, it becomes cumbersome for the owner to contact the borrower and ask for their book. Also the owner might forget details of the borrower (*a common possibility*). This will make it further difficult for the owner to contact the borrower.
❖ Moreover, some people who really want to get started with the books may not know the books to read. The beginners have less idea about various genres and the books other people are reading. Also, we do get to know about a lot of good books from other people (*we have quite less time to go through all the books to find good books for us*).

So, there is a need for a common platform which can be used to borrow-lend books. The platform has reviews for the listed books too. This platform will be really helpful to the student community of IITKGP or maybe any community for that matter.

So, in order to solve these problems we propose a **Book Sharing System.**
● We will be creating a platform which will ease the book sharing between individuals. All the books which are possessed by all the registered users for lending will be available in our database. These books will be listed by users only. A user can contact other users in case they want to borrow a particular book.
● Search functionality to search for a particular book by book's name, genre or author's name will be implemented.
● User data will be stored in our database. We'll also store data about books like their genre, edition etc. Reviews about books from users will also be available.
● We'll maintain the data of the borrowing information like date, duration, borrower_id and lender_id in our database.
● Lenders can specify personal demands like nothing should be marked on book by borrower, repay method in case of book being lost by borrower and many more.
● We'll be creating an efficient backend and interactive frontend for best user experience.

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