

Title: Book Barter

Introduction of system:

Garage sales and half-priced bookstores can be a great way to clean out those bookshelves, but you aren't going to get back the money you put into it. That's where book swapping and book exchanges come into the picture. Instead of selling your book back for a fraction of the cost, you participate in a book exchange by mailing your book to someone who requests it and receiving your own request in the mail. Your old book finds a reader, and in return, you get a book to read. Most booklovers share two things in common:

- (1) The love of a great Book.
- (2) Sharing that book with friends.

From book clubs to reading groups, social networking has always played a part in the avid reader's life. It is no surprise this love has gone digital.

"It's time for a Technology to save our Money."

Book social networks are those focused on reading and sharing books with others through book lists and reviews. Not only are these book-based social networks a great way to share good books, they are also an excellent way to find new books to read. We are here talking about 80% Book exchanging and 20% social networking or may be less than that.

"Applications are mechanism to solve the problems."

Existing System:

- 1. It will show user books near them for exchange in Google map.
- 2. Will feature who wants to exchange books in your area.
- 3. User will only need to provide name of book or its ISBN to add their books.
- 4. Get notification when someone wants to exchange your favorite books in 10 km radius.
- 5. Can manage their Wish list and can check their friends wish list also.
- 6. User is allowed to Exchange their books with each other.

7. Other person gets notification on alert when you want to exchange book with him/her.
8. Simple messaging chat box for BooksBart users, later on it can be transformed in great social networking tool for book lovers.
9. User can check other user's profile and can request them for exchanging books.

User Characteristics:

There are mainly three types of users for System.

- 1.Admin
- 2.Guest
- 3.Book reader

Services provided to the Admin

- 1.Can sign in
- 2.Can Manage Books
- 3.Can Manage User
- 4.Can add books
- 5.Can remove books
- 6.Can edit profile
- 7.Can update books
- 8.Can manage admins(super admin)

Services provided to the Guest

- 1.Can view books
- 2.Can view Nearby books

Services provided to the Book Reader

- 1.Can sign in
- 2.Can sign up

3.Can Manage Bookshelf

4.Can Manage wish list

5.Can add books

6.Can remove books

7.Can edit profile

8.Can exchange books

9.Can view other reader's profile

10.Can Request Books

Need for New System :

- This system required less time for processing.
- Reduce paper work and paper cost.
- Reduce the infrastructure cost.
- Easily generate and maintain the reports.
- Various detail have to providing to the management at any time.
- Better security.
- The system requires less human resource.