

## User Stories

- As a reader, I want to search for books by title, author, ISBN, genre or 'mood', so that I can find books that I want to read.
  - The search bar must be displayed on the homepage and search results page.
  - Users must be able to enter a book title, author name, or ISBN, genre or mood in the search field.
  - Search results must display at least 10 books per page with title, author, and cover image.
  - If no results are found, a "No books found" message should be displayed.
  - API calls should return results quickly for an optimal experience.
- As a reader, I want to see all relevant details about a book, so that I can learn more about reading or purchasing it.
  - Each book detail must display title, author, cover image, genre, synopsis, and publication year.
  - Users must see alternate editions with different covers.
  - Users can see ratings and reviews from other readers.
  - Users can mark a book as "Read", "Want to Read", or "Currently Reading", which is visible to others.
  - Users can update their current page number in the book.
  - Users can connect their ebook platform / audiobook platform to automate page updates.
  - Users can mark a book as "Owned", which is visible to others.
- As a reader, I want to add books to custom shelves, so that I can organize my books the way I prefer, and portray my tastes.
  - Users must be logged in to create shelves.
  - Users can create custom shelves with a name (max 50 characters).
  - A book can be in multiple shelves at the same time, but the same edition cannot be in one shelf more than once.
  - Users can rename or delete shelves, but books remain in the database.
  - Shelves changes must be reflected instantly in the UI.
  - Shelves can be shared with other users.
  - Shelves can be seen on a user profile to other users.
  - Shelves can be made private to hide from other users.
- As a reader, I want to review books and see what others think, so that I can share and discover opinions.
  - Users must be logged in to submit a review.
  - Users can leave a star rating (1-5) (with fractional .5) and written reviews.
  - Reviews must be changeable and deleted.

- Reviews must be moderated by algorithmic filtration.
- Reviews must display date, user name, and rating.
- Users can like or reply to reviews.
- A review's likes and number of reviews must be visible to users.
- A user's review getting a response generates a user notification.
- A book's review's must be orderable through date, relevance, and rating and filtered to show by language.
- Users can report inappropriate or spam reviews, and a system must be in place to review these reports.
- As a community member, I want to discuss books in a forum, so that I can engage with other readers.
  - Every book has a dedicated discussion page.
  - Users can post discussion topics and reply.
  - Posts can be sorted by most active, most recent, or by relevance.
  - AI and algorithmic moderation must flag inappropriate discussions.
  - Users can add relevant page numbers to post.
  - Users can filter discussions to none after their current page number to avoid spoilers.
- As a reader, I want to see where I can purchase or borrow a book, so that I can choose the best way to access it.
  - The book's detail page must show online retailers with prices and formats (hardcover, paperback, audiobook).
  - Retailers should include Amazon, Bookshop, IndieBound, and Google Books via API integration.
  - Users should see local bookstore stock availability.
  - Bookstores must be given an accessible API to upload and update their stock to their page.
  - Users should see library availability and be able to launch to the library's website via a link.
  - Users should see if a book is being lent by a nearby user.
  - If no purchase or borrowing options exist, display "Not currently available".
- As a book owner, I want to offer my books for lending, so that others can borrow them.
  - Users can mark a book as "Available for lending".
  - Borrowers can search for books available for lending in their area.
  - Users can send lending requests via in-app messaging.
  - Lenders can accept or reject requests.
  - Users should have a 'borrower credit score' visible to lenders based on account age and past lending behavior.
  - Once a book is lent, it should be marked as "Currently Lent Out"
- As a reader, I want to join a book club, so that I can read and discuss books with a group.

- Users can create public or private book clubs.
- Private clubs require an invitation to join.
- Each club has a dedicated discussion forum and group chat.
- Book club owners can assign moderator roles.
- Users can set reading schedules for clubs.
- As a reader, I want to participate in reading challenges so that I can track my progress and stay motivated.
  - Users can join public or private reading challenges.
  - Users can set custom reading goals.
  - Progress is tracked based on books marked as “Read”
  - Users can earn badges for completing challenges.
- As a reader, I want to see personalized book recommendations, so that I can discover new books based on my taste.
  - The system must analyze reading history, reviews, and user preferences.
  - Recommendations should update as users read more books.
  - The system should suggest related book clubs and discussions.
  - Users can provide feedback on recommendations to improve accuracy.
- As a reader, I want to see a discovery page where I can find relevant books and discussions.
  - A discovery page must be a visible notch on the application.
  - The discovery page must show relevant user recommendations based on recommendations, new or currently popular books, and business selected moderator content

As a reader, I want to create, read, and share personal journal entries for books I am reading, so that I can track my thoughts and progress over time.

- The journal entry feature must be accessible from a book’s page.
- Users must be able to add a new journal entry with an optional title, required content, and an optional page number reference.
- Users must be able to view a list of all their journal entries for a specific book, sorted newest to oldest.
- Users must be able to edit an existing journal entry, updating its title, content, or page number.
- Users must be able to delete a journal entry, with a confirmation prompt before deletion.
- Only the user who created a journal entry should be able to view, edit, or delete it.
- Journal entries should display the creation date and last updated timestamp for reference.