**Books**

US 01.01.01  
As an owner, I want to add a book in my books, each denoted with a clear, suitable description (at least title, author, and ISBN).

Rationale: So that I can easily keep track of books that I have been, or will be, loaned out.

US 01.02.01  
As an owner, I want the book description by scanning it off the book (at least the ISBN).

Rationale: So that people that want to loan my books can quickly find out what they are about.

US 01.03.01  
As an owner or borrower, I want a book to have a status of one of: available, requested, accepted, or borrowed.

Rationale: As an owner this would help me keep track of which books have been loaned so that I can get them back. As a borrower this would let me know which books are available to be borrowed.

US 01.04.01  
As an owner, I want to view a list of all my books, and their descriptions, statuses, and current borrowers.

Rationale: This would let me quickly get an overview of the books in my library, which I could then drill down through.

US 01.05.01  
As an owner, I want to view a list of all my books, filtered by status.

Rationale: Sorting by this method I could find items by status

US 01.06.01  
As an owner, I want to view and edit a book description in my books.

Rationale: This would let me refine descriptions to ensure that borrows have accurate information.

US 01.07.01  
As an owner, I want to delete a book in my books.

Rationale: This would let me update borrows on what books I have available to loan out.

**User profile**

US 02.01.01  
As an owner or borrower, I want a profile with a unique username and my contact information.

Rationale: This would let me have a persistent account and would allow me to contact others on the platform.

US 02.02.01  
As an owner or borrower, I want to edit the contact information in my profile.

Rationale: This would let me update my personal contact info as necessary when it changes.

US 02.03.01  
As an owner or borrower, I want to retrieve and show the profile of a presented username.

Rationale: This would let me know more about a lender or borrower, for example to contact them.

**Searching**

US 03.01.01  
As a borrower, I want to specify a set of keywords, and search for all books that are not currently accepted or borrowed whose description contains all the keywords.

Rationale: This would help me to quickly find books of a certain type that I may want to borrow

US 03.02.01  
As a borrower, I want search results to show each book not currently accepted or borrowed with its description, owner username, and status.

Rationale: These search results would help me to quickly find books that I would like to borrow.

**Requesting**

US 04.01.01  
As a borrower, I want to request a book that is not currently accepted or borrowed.

Rationale: This would let lenders know that there is a demand for a certain book and might increase the availability of that book

US 04.02.01  
As a borrower, I want to view a list of books I have requested, each book with its description, and owner username.

Rationale: This would let me keep track of which books I have borrowed, and from whom

US 04.03.01  
As an owner, I want to be notified of a request.

Rationale: This would let me know when I would need to lend out a book immediately.

US 04.04.01  
As an owner, I want to view all the requests on one of my books.

Rationale: This would let me know how much demand each book in my library is receiving.

**Accepting**

US 05.01.01  
As an owner, I want to accept a request on one of my books. (Any other requests are declined.)

Rationale: This would let me lend out a book to a single borrower of my choice.

US 05.02.01  
As an owner, I want to decline a request on one of my books.

Rationale: This would let me decline the requests of borrowers that I choose.

US 05.03.01  
As a borrower, I want to be notified of an accepted request.

Rationale: This would let me know that the book I can get the book I requested, and no longer have to wait.

US 05.04.01  
As a borrower, I want to view a list of books I have requested that are accepted, each book with its description, and owner username.

Rationale: This would let me get an overall view of the books that I could pick up immediately

**Borrowing**

US 06.01.01  
As an owner, I want to hand over a book by scanning the book ISBN code and denoting the book as borrowed.

Rationale: This would simply my ability to track which books have been loaned out by simply scanning them

US 06.02.01  
As a borrower, I want to receive an accepted book by scanning the book ISBN code to confirm I have borrowed it.

Rationale: This would simplify my ability to track which books I have borrowed by simply scanning them

US 06.03.01  
As a borrower, I want to view a list of books I am borrowing, each book with its description and owner username.

Rationale: This would help me to track which books I have borrowed, and to whom I would have to return it.

**Returning**

US 07.01.01  
As a borrower, I want to hand over a book I borrowed by scanning the book ISBN code to denote the book as available.

Rationale: This would simplify the process of returning a book to the lender, and letting some other borrower have a chance to borrow it.

US 07.02.01  
As an owner, I want to receive a returned book by scanning the book ISBN code to confirm I have it available.

Rationale: This would speed up the process of receiving a book and ensure the right one has been returned.

**Photographs**

US 08.01.01  
As an owner, I want to optionally attach a photograph to a book of mine.

Rationale: This would provide more information for potential borrowers, since they may judge a book by its cover.

US 08.02.01  
As an owner, I want to delete any attached photograph for a book of mine.

Rationale: This would allow me to upload a different picture, or to ensure the borrowers do not judge a book by its cover.

US 08.03.01  
As an owner or borrower, I want to view any attached photograph for a book.

Rationale: This would let me appreciate the photo of the book, to determine its physical quality for example.

**Location**

US 09.01.01  
As an owner, I want to specify a geo location on a map of where to receive a book when I accept a request on the book.

Rationale: This would reduce friction in the process of transferring the book, either to receive or give it

US 09.02.01  
As a borrower, I want to view the geo location of where to receive a book I will be borrowing.

Rationale: This would reduce friction in the process of transferring the book, either to receive or give it.