Stories highlighted in <mark>green</mark> have been completed ("done done"). Refer to the release planning page in the github wiki.

# PRODUCT BACKLOG

**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) **so that I can record the book**.

Story point: **2**
Risk Level: Low

US 01.02.01
As an owner, I want the book description by scanning it off the book (at least the ISBN) **so that I obtain information about a book easily without manually entering the ISBN**.

Story point: **8**
Risk Level: High

US 01.03.01
As an owner or borrower, I want a book to have a status to be one of: available, requested, accepted, or borrowed **so that I know which of my books are borrowed, requested and available**.

Story point: **1**
Risk Level: Low

US 01.04.01
As an owner, I want to view a list of all my books, and their descriptions, statuses, and current borrowers **so that I see and interact with the books that interest me in my collection**.

Story point: **1**
Risk Level: Low

Stories highlighted in green have been completed ("done done"). Refer to the release planning page in the github wiki.

US 01.05.01
As an owner, I want to view a list of all my books, filtered by status **so that I interact with or view all the books with the selected status**.

Story point: **1**
Risk Level: Low

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US 01.06.01
As an owner, I want to view and edit a book description in my books **so that I make desired changes and corrections to that record**.

Story point: **2**
Risk Level: Low

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US 01.07.01
As an owner, I want to delete a book in my books **so that I remove that book that I don't want anymore from the list of records**.

Story point: **2**
Risk Level: Low

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**User profile**

US 02.01.01
As an owner or borrower, I want a profile with a unique username and my contact information **so that I have my own books and account that no one can else access**.

Story point: **3**
Risk Level: Medium

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US 02.02.01
As an owner or borrower, I want to edit the contact information in my profile **so that I keep my contact information up-to-date for interactions with other users**.

Story point: **2**

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<mark>Risk Level: Low</mark>

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US 02.03.01

As an owner or borrower, I want to retrieve and show the profile of a presented username **so that I see the profiles of other users**.

Story point: **3**
Risk Level: Low

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**<mark>Searching</mark>**

<mark>US 03.01.01</mark>
<mark>As a borrower, I want to specify a keyword, and search for all books that are not currently accepted or borrowed whose description contains the keyword **so that I easily find available books**</mark>.

<mark>Story point: **5**</mark>
<mark>Risk Level: Medium</mark>

<mark>US 03.02.01</mark>
<mark>As a borrower, I want search results to show each book with its description, owner username, and status **so that I see available books that interest me**</mark>.

<mark>Story point: **1**</mark>
<mark>Risk Level: Low</mark>

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**Requesting**

US 04.01.01
As a borrower, I want to request a book that is not currently accepted or borrowed **so that I alert the owner that I want to borrow that book**.

Story point: **5**
Risk Level: Medium

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Stories highlighted in ==green== have been completed ("done done"). Refer to the release planning page in the github wiki.

==US 04.02.01==
==As a borrower, I want to view a list of books I have requested, each book with its description, owner username, and status **so that I know which books I haven't been able to borrow yet**.==

==Story point: **3**==
==Risk Level: Low==

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US 04.03.01
As an owner, I want to be notified of a request **so that I know as soon as possible if someone wants to borrow one of my books**.

Story point: **5**
Risk Level: Medium

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US 04.04.01
As an owner, I want to view all the requests on one of my books **so that I know who wants to borrow my book**.

Story point: **1**
Risk Level: Low

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**Accepting**

US 05.01.01
As an owner, I want to accept a request on one of my books **so that I lend that book to some other user who requested it**. (Any other requests on the book are declined.)

Story point: **1**
Risk Level: Low

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US 05.02.01
As an owner, I want to decline a request on one of my books **so that I notify the one who requested it that I don't want to lend it to him/her**.

Story point: **1**

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Risk Level: Low

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US 05.03.01
As a borrower, I want to be notified of an accepted request **so that I can borrow the book as soon as possible**

Story point: **5**
Risk Level: Medium

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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 **so that I see all books I can proceed to borrow**.

Story point: **1**
Risk Level: Low

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**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 **so that I easily lend a book without manually entering the ISBN**.

Story point: **8**
Risk Level: High

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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 **so that I easily borrow a book without manually entering the ISBN**.

Story point: **8**
Risk Level: High

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Stories highlighted in <mark>green</mark> have been completed ("done done"). Refer to the release planning page in the github wiki.

<u>US 06.03.01</u>
As a borrower, I want to view a list of books I am borrowing, each book with its description and owner username **so that I see which books I was able to borrow**.

Story point: **1**
Risk Level: Low

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**Returning**

<u>US 07.01.01</u>
As a borrower, I want to hand over a book I borrowed by scanning the book ISBN code to denote the book as available **so that I easily return a borrowed without manually entering the ISBN**.

Story point: **8**
Risk Level: High

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<u>US 07.02.01</u>
As an owner, I want to receive a returned book by scanning the book ISBN code to confirm I have it available **so that I easily receive a returned book without manually entering the ISBN**.

Story point: **8**
Risk Level: High

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**Photographs**

<u>US 08.01.01</u>
As an owner, I want to optionally attach a photograph to a book of mine **so that my book looks appealing**.

Story point: **5**
Risk Level: Medium

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Stories highlighted in <mark>green</mark> have been completed ("done done"). Refer to the release planning page in the github wiki.

<mark>US 08.02.01
As an owner, I want to delete any attached photograph for a book of mine **so that I remove an image I don't like anymore**.</mark>

<mark>Story Point: **5**
Risk Level: Medium</mark>

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<mark>US 08.03.01
As an owner or borrower, I want to view any attached photograph for a book **so that I see more closely if a book is appealing or not by just looking at the image**.</mark>

<mark>Story point: **5**
Risk Level: Medium</mark>

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**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 **so that the borrower knows where I want to hand over a requested book**.

Story point: **13**
Risk Level: High

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US 09.02.01
As a borrower, I want to view the geo location of where to receive a book I will be borrowing **so that I know where to meet the owner to receive the book**.

Story point: **13**
Risk Level: High