

# Requirements specifications.

-Bibbla

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**ID:** 1.1

**Use case / scenario:** Log in

**Trigger:** The user tries to reserve a book or view "my books" while not logged in. Alternatively, the user manually enters the settings screen.

**Precondition:**

**Basic path:**

1. The user tries to do one of the members-only actions, or enters the settings screen by will.
2. The user is prompted to enter her surname, library card code and pin.
3. The user fills in her details, and submits the form.
4. The user is forwarded to whatever action she tried to perform previously, or is shown a "login successful"-message if she logged in from the settings screen.

**Exception path:**

1. The user entered incorrect credentials. She is made aware of what she did wrong, and may either try again or cancel.
2. There are connection or parsing problems. An error message suggests finding better connection conditions or trying again later.

**Postcondition:** The GUI indicates that the previously disabled, members-only actions, are now available.

**Author:** Niklas Logren

**ID:** 1.2

**Use case/Scenario:** Change login details

**Trigger:** The user tries to change the login details at the settings screen.

**Precondition:** The user is logged in and is viewing the login details.

**Basic path:**

1. The user enters the settings screen
2. The user presses the change login details-button.
3. The user fills out a form with the new information.
4. The user submits the form.

**Exception path:**

1. There is a problem with the internet connection. An error message tells the user this and suggests to try again later.

2. The user fills in incorrect login details. An error message tells the user that these are not valid login details.

**Postcondition:** Settings screen with the login details

**Author:** Jonathan Orrö

**ID:** 1.3

**Use case / scenario:** Search for a media item

**Trigger:** The user fills out the Search form.

**Precondition:** The Search tab active.

**Basic path:** The user enters a string and taps the Search button. The application lists search results from the GOTLIB database.

**Exception path:** 1. The search string is empty. The application shows an error message in a small pop-up.

2. No media is found for the query. Instead of a results list, there is a friendly message.

3. There are connection or parsing problems. An error message suggests finding better connection conditions or trying again later.

**Postcondition:** A list of (possibly) found results is showing.

**Author:** Arild Matsson

**ID:** 1.4

**Use case / scenario:** Rearranging order of items in list.

**Trigger:** The user chooses to reorganize the order of which items are presented in a list.

**Precondition:** -

**Basic path:**

1. User has a list of items presented in the current view.

2. The user chooses to rearrange the items according to author for example.

**Exception path:**

Network connection is lost while the rearranging is taking place. User will be informed connection has been lost and will be asked to try again.

**Postcondition:** All of the items that were viewed earlier, will reappear in a new order.

**Author:** Madeleine Appert

**ID:** 1.5

**Use case / scenario:** Detailed view of media item

**Trigger:** The user chooses a book from a list of books.

**Precondition:** A list of books or other media is showing. The list is not empty.

**Basic path:** The user taps one of the items in a list of books. Further information on the book is showed on the screen: i.e. title, author, media type and availability on libraries.

**Exception path:** There are connection or parsing problems. An error message suggests finding better connection conditions or trying again later.

**Postcondition:** Details are showing.

**Author:** Arild Matsson

**ID:** 1.6

**Use case/Scenario:** Leaving search tab and returning.

**Trigger:** The user clicks on another tab, leaving the current page, and the returns to the

search tab.

**Precondition:** -

**Basic path:**

1. User has been in search tab and clicked advanced search/ started entering text in search field/is viewing search results / is viewing the detailed view of an item.
2. The user clicks on another tab, My Profile for example.
3. The user clicks on the search tab once again.
4. The user will see the same page as he viewed last time he was in the search tab.

**Exception path:**

Network connection is lost as user clicks on the search tab again. User will be informed connection has been lost and will be asked to try again.

**Postcondition:** The last presented view in the search tab will reappear.

**Author:** Madeleine Appert

**ID:** 1.7

**Use case / scenario:** Reserve a media item

**Trigger:** The user chooses to reserve a book.

**Precondition:** The detailed information of a book is showing. The user is logged in.

**Basic path:** 1. From a list of books, the user selects one or more of them and chooses to reserve them.

2. From a detailed view of an available and not already reserved book, the user chooses to reserve them.

**Exception path:** The selected books are not available for loaning. A pop-up message will explain this, and the concerned books are unselected.

**Postcondition:** The book(s) will be reserved to the user in the GOTLIB database.

**Author:** Arild Matsson

**ID:** 1.8

**Use case / scenario:** View current reservations

**Trigger:** The user enters the "My books" tab.

**Precondition:** The user is logged in.

**Basic path:** The user clicks the "My books" tab. A list of the user's current reservations are displayed.

**Exception path:** The users has no pending reservations: a friendly message is displayed.

**Postcondition:** A list of the user's reservations is displayed.

**Author:** Niklas Logren

**ID:** 1.9

**Use case / scenario:** Cancel a reservation

**Trigger:** The user enters "cancel reservations"-mode.

**Precondition:** The user is logged in, and is viewing her list of reservations (1.8).

**Basic path:**

1. The user enters "cancel reservations"-mode.
2. The user selects the reservations she wants to remove. She can only select reservations that are cancellable (e.g. not those that have already been sent, etc.).
3. The user submits the form.
4. The chosen reservations are cancelled and removed from the list.

5. "Cancel reservations"-mode is automatically disabled, the user sees list of reservations (1.8).

**Exception path:**

1. The user selects no books, and submits the form: Nothing happens.
2. There are problems with connection or parsing. An error message suggests finding better connection conditions or trying again later.

**Postcondition:** A list of the user's reservations is displayed.

**Author:** Niklas Logren

**ID:** 1.10

**Use case / scenario:** Extend loan of a media item.

**Trigger:** The user selects a book she is currently loaning and presses the reloan button.

**Precondition:** The user is logged in and is viewing a loaned book.

**Basic path:**

1. The user presses the "My loans & reservations"-tab.
2. The user presses the reloan button on a book in the currently loaning list.

**Exception path:**

1. The user has no internet connection. An error message tells the user this.

**Postcondition:** A list of the user's currently loaned books is displayed.

**Author:** Jonathan Orrö