Use Case Description

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| Use Case # | **1** | |
| Use Case Name | **Browse Catalogue** | |
| Scenario |  | |
| Triggering Event | Opening the app | |
| Brief Description | User browsing in the list of the books | |
| Actors | User | |
| Related Use Cases |  | |
| Stakeholders |  | |
| Pre-conditions | - | |
| Post-conditions | - | |
| Flow of Events | **Actor** | **System** |
| 1.1 open the app. | 1.2 shows catalogue. |
| Exception  Conditions | 1. | 2. |

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| Use Case # | **2** | |
| Use Case Name | **View book info** | |
| Scenario |  | |
| Triggering Event | Double click to a book from catalogue. | |
| Brief Description | By clicking to the book user open the page with description, review, rate | |
| Actors | user | |
| Related Use Cases | 1 | |
| Stakeholders |  | |
| Pre-conditions | - | |
| Post-conditions | - | |
| Flow of Events | **Actor** | **System** |
| 1.1 opens app.  1.3click on the book | 1.2 shows book catalogue.  1.4 displays page with book info |
| Exception  Conditions | 1. | 2. |

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| Use Case # | **3** | |
| Use Case Name | **Add new book to the catalogue** | |
| Scenario |  | |
| Triggering Event | Member wants to add new item to the catalogue | |
| Brief Description | In member ‘s profile “add new item” available | |
| Actors | Member | |
| Related Use Cases |  | |
| Stakeholders | System user | |
| Pre-conditions | Registration | |
| Post-conditions | Add new item to the DB and list of “my books” | |
| Flow of Events | **Actor** | **System** |
| 1.1 open profile  1.3 click “add new item”  1.5 input info and click the button “Save” | 1.2 show profile menu  1.4 display page to enter title, author, description  1.6 add new item to the DB with “available” status. System message |
| Exception  Conditions | 1. | 2. |

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| Use Case # | **4** | | |
| Use Case Name | **Request the book** | | |
| Scenario |  | | |
| Triggering Event | Member press button “Request book” | | |
| Brief Description | Member can send request to the book owner for borrowing | | |
| Actors | Member | | |
| Related Use Cases |  | | |
| Stakeholders | System user | | |
| Pre-conditions | Registration | | |
| Post-conditions | Send system message to the book owner | | |
| Flow of Events | **Actor** | **System** | |
| 1.1 open the book description.  1.3 mark check box “Request book” | 1.2 displays page with book info. If book has “available” status, check box “Request book” is active.  1.4 send system request to the book owner. In the user’s profile the book appeared in “Requested by me” tab. | |
| Exception  Conditions | 1. | 2. | |
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| Use Case # | **5** | |
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| Use Case Name | **Receive request for the book** | |
| Scenario | Book owner receives request for the book. | |
| Triggering Event | Member marks check box “Request book” | |
| Brief Description | System informs user about new request and allow accept/reject it. | |
| Actors | Book owner | |
| Related Use Cases |  | |
| Stakeholders | System user | |
| Pre-conditions | Registration, book was requested | |
| Post-conditions | Send system message accept/cancel request | |
| Flow of Events | **Actor** | **System** |
| 1.1 open profile | 1.2 display new request and activate check boxes “accept/reject” |
| Exception  Conditions | 1. | 2. |

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| Use Case # | **6** | |
| Use Case Name | **Book owner accept or cancel the request** | |
| Scenario |  | |
| Triggering Event | System sent notification | |
| Brief Description | After the notification was received, book owner can accept or cancel the request | |
| Actors | Book owner | |
| Related Use Cases | Receive request for the book | |
| Stakeholders | System user | |
| Pre-conditions | Registration | |
| Post-conditions | Send system message, changes in DB | |
| Flow of Events | **Actor** | **System** |
| 1.1a If marks check box “Accept”  1.1b If marks check box “Cancel” | 1.2a notify the requestor; users contact information gets available (for both) for communication;  mark the book as “not available” in the catalogue; in user’s profiles appeared info about “leased” book.  1.2b notify the requestor about request cancelation. |
| Exception  Conditions | 1. | 2. |

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| Use Case # | **7** | |
| Use Case Name | **Write a review** | |
| Scenario | Member wants to write a review to the book. | |
| Triggering Event | Pressing “Submit” button | |
| Brief Description | Adding review | |
| Actors | Member | |
| Related Use Cases |  | |
| Stakeholders | System user | |
| Pre-conditions | Registration | |
| Post-conditions | New review appeared in the book’s info | |
| Flow of Events | **Actor** | **System** |
| 1.1 open the book description. Press “Reviews” button.  1.3 write text in text box. Push button “Submit” | 1.2 displays page with book reviews.  1.4 display added review |
| Exception  Conditions | 1. | 2. |

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| Use Case # | **8** | |
| Use Case Name | **Edit Book** | |
| Scenario | Member wants to change the book information. | |
| Triggering Event | Pressing “Edit book” button | |
| Brief Description | Edit Book | |
| Actors | Member | |
| Related Use Cases |  | |
| Stakeholders | System user | |
| Pre-conditions | Registration | |
| Post-conditions | DB was updated | |
| Flow of Events | **Actor** | **System** |
| 1.1 Press “Edit” button.  1.3 After updating information. Press “Save” | 1.2 Open “Add new book” form with the book information.  1.4 DB updated |
| Exception  Conditions | 1. | 2. |

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| Use Case # | **9** | |
| Use Case Name | **Delete Book** | |
| Scenario | Member wants to delete a book. | |
| Triggering Event | Pressing “Delete book” button | |
| Brief Description | Delete Book | |
| Actors | Member | |
| Related Use Cases |  | |
| Stakeholders | System user | |
| Pre-conditions | Registration | |
| Post-conditions | DB was updated | |
| Flow of Events | **Actor** | **System** |
| 1.1 Press “Delete book” button  1.3 Confirm | 1.2 shows message that the book will be deleted.  1.4 DB updated. |
| Exception  Conditions | 1. | 2. |

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| Use Case # | **10** | |
| Use Case Name | **Sign up** | |
| Scenario | User wants to Sign up. | |
| Triggering Event | Pressing “Sign up” button | |
| Brief Description |  | |
| Actors | User | |
| Related Use Cases |  | |
| Stakeholders | System user | |
| Pre-conditions |  | |
| Post-conditions | DB was updated | |
| Flow of Events | **Actor** | **System** |
| 1.1 Press “Sign up” button  1.3 Confirm | 1.2 shows registration form.  1.4 DB updated. |
| Exception  Conditions | 1. | 2. |

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| Use Case # | **11** | |
| Use Case Name | **Log In** | |
| Scenario | User wants to Sign up. | |
| Triggering Event | Pressing “Sign up” button | |
| Brief Description |  | |
| Actors | User | |
| Related Use Cases |  | |
| Stakeholders | System user | |
| Pre-conditions |  | |
| Post-conditions | DB was updated | |
| Flow of Events | **Actor** | **System** |
| 1.1 Press “Sign up” button  1.3 Confirm | 1.2 shows registration form.  1.4 DB updated. |
| Exception  Conditions | 1. | 2. |