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 “Add” | 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 “Ask” | | |
| 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 it” | 1.2 displays page with book info. If book has “available” status, check box “request it” is active.  1.4 send system request to the book owner and the user. | |
| 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 “Ask” | |
| Brief Description | System informs user about new request and allow accept/cancel 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/cancel” |
| 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 “Add review” 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.  1.3 write text in text box. Push button “Add” | 1.2 displays page with book info.  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 book” button.  1.3 After updating information. Press “Save” | 1.2 changes “read only” mode to “editing” mode. Button Save is available now.  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. |