User registration: Scenario 1

1. Goes to Library
2. States that he/she wants to be a member of the library
3. Librarian asks questions for registration
4. Completes registration form with default password
5. Registration complete

User Book receive: Scenario 2

1. User comes to library
2. Receives a book
3. Registers it
4. Checks out

User Book Search: Scenario 3

1. User logs-in
2. Clicks search
3. Enters title of book
4. Finds the book
5. Gets the book

User Returns book: Scenario 4

1. Comes to library
2. Brings the book
3. Librarian checks the books physical
4. Librarian checks in book return

User Returns issued Book: Scenario5

1. Librarian checks book
2. Registers as issued book
3. Registers book data
4. Registers user data
5. Submits

User Changes phone nr: Scenario6

1. User logs in
2. Goes to personal data
3. Edit
4. Changes number
5. Submits

Staff registration: Scenario 7

1. Librarian clicks at “staff”
2. Asks for registration data
3. Completes the form
4. Submits

Librarian User search: Scenario 8

1. Goes to Users
2. Enters name/surname/address etc
3. Finds user

Librarian User update: Scenario 9

1. Clicks USERS
2. Searches for user
3. Clicks Update
4. Updates stuff
5. Submits

Librarian User delete: Scenario 10

1. Searches user
2. Deletes user
3. Submits

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| Use Case No. | 1 | 2 | 3 |
| Use Case name | Registration | Book receive | Book Search |
| Overview | Users are able to register only by librarian | Users can receive any book they want | Users can search for books |
| Actors | Librarian | User | User |
| Pre-conditions | None | Users should be registered | User must be logged in |
| Scenario flow | 1. Goes to Library 2. States that he/she wants to be a member of the library 3. Librarian asks questions for registration 4. Completes registration form with default password 5. Registration complete | 1.User comes to 2.library  3.Receives a book  4.Registers it  6.Checks out | 1. User logs-in  2. Clicks search  3. Enters title of book  4. Finds the book  5. Gets the book |
| Errors | -Invalid data  -> Denied Access | -no available book | -invalid tittle  ->Book not registered |
| Post conditions |  | User should return book within return date |  |

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| Use Case No. | 4 | 5 | 6 |
| Use Case name | User Returns book | Returns issued Book | Changes phone nr |
| Overview | User has to check in the returned book | Books have to be checked if they are issued or not | Users are able to edit their personal info |
| Actors | User | User | User |
| Pre-conditions | User has to be within return date | User must have received a book before | User must have a account |
| Scenario flow | 1. Comes to library 2. Brings the book 3. Librarian checks the books physical 4. Librarian checks in book return | 1. Librarian checks book 2. Registers as issued book 3. Registers book data 4. Registers user data 5. Submits | 1. User logs in  2.Goes to personal data  3.Edit  4.Changes number  5.Submits |
| Errors | -not the same book  -return date has passed | - not the same book | -invalid phone number format |
| Post conditions | Users should see the modifications immediately | User may be charged |  |

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| Use Case No. | 7 | 8 | 9 |
| Use Case name | Staff registration | Librarian User search | Librarian User update |
| Overview | Staff is able to register as well | Librarian can search for users | Librarian can update users |
| Actors | Staff | Librarian | Librarian |
| Pre-conditions | They must be employees in the Library | Librarian must be logged in as admin | Librarian must be logged in as admin  -user should know their info is being updated |
| Scenario flow | 1. Librarian clicks at “staff” 2. Asks for registration data 3. Completes the form 4. Submits | 1. Goes to Users   1. Enters name/surname/address etc 2. Finds user | 1. Clicks USERS   1. Searches for user 2. Clicks Update 3. Updates stuff 4. Submits |
| Errors | -invalid data  -invalid format (email) | -invalid username  -user not found | -invalid user  -invalid info input |
| Post conditions | Staff is registered |  |  |