

The Library

Vision

“The Library” is web-application which allows users to store books they are reading in the personal space, review comments and ratings of other users for books.

Application should provide:

Storing books, users and reviews in the database

Displaying the list of all books in the database

Displaying the list of books that current user is having

Display users with accounts in the database

Updating list of books (personal and overall)

Updating reviews (personal)

Deleting reviews (personal)

1. Books in the main database

1.1 Reviewing the books

The module is designed to review a list of all available books.

Main scenario:

- User selects link “Library” in the navbar.
- Application displays list of all available book

Library	Add Book	My books		login	signup
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Book 1

Title:
Description:
Author:
Year published:

Add

Book 2

Title:
Description:
Author:
Year published:

Add

Pic 1.1 - View the books list.

The list displays the following info:

Title - title of the book

Author - Name and surname of the author

Description - brief main fact about the book

Genre - genre of the book

Year - year published

1.2 Adding the books to the main library

The module is designed to add books to the main library.

Main scenario:

- User clicks the “Add Book” button in the books list view mode;
- Application displays form to enter book data (if user is registered and logged in);
- User enters order data and presses “Add Book” button;
- If any data is entered incorrectly, incorrect data messages are displayed;
- If entered data is valid, then record is adding to database;
- If error occurs, then error message is displaying;
- If new order record is successfully added, then list of orders with added records is displaying

When adding the book the following information is entered:

- Title - title of the book
- Author - Name and surname of the author
- Description - brief main fact about the book
- Genre - genre of the book
- Year - year published

2. Books in the personal account

2.1 Reviewing the books

The module is designed to review and edit the list of all books that user added to his account.

Main scenario:

- User selects link “My books” in the navbar.
- Application displays list of all books he currently has in the personal space

Library	Add Book	<u>My books</u>		login	signup
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Book 1

Title:
Description:
Author:
Year published:

To the bookTo the libraryremove

Book 2

Title:
Description:
Author:
Year published:

to the bookTo the libraryremove

Pic 2.1 - View the books in the personal list of the current user.

The list displays following columns:

- Title - title of the book
- Author - Name and surname of the author
- Description - brief main fact about the book
- Genre - genre of the book
- Year - year published

2.2 Adding the books to the personal space

Main scenario:

- Logged user goes to a “library” page
- Logged user clicks “Add to library” button near the chosen book.
- The added book is now displayed in the “My books” tab
- If user already has this same book in his account - the relevant message is displayed
- If user is not logged in he does not see the “Add to library” button, therefore has no ability to add the book to the personal space.

Library	Add Book	My books		login	signup
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Book 1

Title:
Description:
Author:
Year published:

To the bookAdd to library

Book 2

Title:
Description:
Author:
Year published:

to the bookadd to library

Ptic 2.2 - Find “add to library” button on the main page

2.3 Deleting the books from personal space

Main scenario:

- Logged user goes to a “My books” page
- Logged user clicks “Remove” button near chosen book
- The chosen book disappears from users account and webpage

3. Reviews of the books

The module is designed to view, create, edit and delete reviews of a chosen book.

3.1 View the reviews of the books written by other or yourself

Main scenario:

- User selects any book and clicks “to the book” button .
- On the book info page user scrolls down and sees the list of reviews left by others or himself

The list displays following data:

Username of the user who left the review
Rating of the book
Text of the review itself

3.2 Create the reviews of the books

Main scenario:

- Logged user goes to a book info page
- Logged user scrolls to review form.
- Logged user fills out the form and clicks “submit” button
- The added review is now displayed under the form.
- If user is not logged in he does not see the review form, therefore has no ability to add the review of the book.

3.3 edit reviews of the book

Main scenario:

- Logged user clicks “edit” near the selected review
- Logged user fills out the review form again
- Logged user clicks “save”
- Logged user is redirected back to the book page
- User can’t see “Edit” button if the review was not created by himself, therefore can’t edit it
- If any data is entered incorrectly, incorrect data messages are displayed;
- If entered data is valid, then record is changed in database;
- If error occurs, then error message is displaying;

3.4 delete the review of the book

Main scenario:

- Logged user clicks “delete” near the selected review
- The record is deleted from database and is missing on the webpage
- User can’t see “Delete” button if the review was not created by himself, therefore can’t delete it

4. Users in database

The module is designed to view and create new users (signup and login).

4.1 View the signed-up users

Main scenario:

- User goes to “sign-up” page in the navbar.
- Under the registration form user sees list of all users who use library project

The table contains following data:

Username - username of the user

Name - name and surname of the user

Email - email of the logged in user

Password-hash - passwordhash of the user

Library	Add Book	My books		login	<u>signup</u>
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Sign-up form

username

surname

email

password

name

repeat password

Sign-up

username	name	surname	email	password hash

Pict 4.1 - sign-up users page

3.2 Create the signed-up users

Main scenario:

- User goes to “sign-up” page in the navbar.
- User fills out the registration form
- If any data is entered incorrectly, incorrect data messages are displayed;
- If entered data is valid, then record is added to the database;
- If error occurs, then error message is displaying;