

Online Library

Administrator manual



Table of contents

1. Functionality	3
2. Getting started	4
3. User administration	5
4. Book list administration	7
4.1. Updating books.....	7
4.2. Updating genres	10
4.3. Updating authors.....	11

Functionality

Online Library is a web application that servers as a tool for managing data about books within a library. Each book entry has following information:

- Title
- Author
- Genre
- Quantity of pages
- Quantity of books available for reservation

Application is secured, its features can be used only by registered users. There are two roles with different permission level.

Regular user without administrative rights can browse through the whole list of books or use search field, that works not only with books, but also with author names and genres. After choosing the right book the user has a possibility to make a reservation for it, after what he/she will receive a confirmation e-mail with a unique key and an invitation to pick it up in the next 24 hours.

Administrator has additional possibilities to create new books, authors, genres, users and also edit and delete them.

Getting started

Online library application works with MySQL database. Database contains an already created administrator account. To add new administrator, an existing user role must be updated in library database table 'role' from 'ROLE_USER' to 'ROLE_ADMIN'. New users can be created via web application and will have assigned default role 'ROLE_USER'.

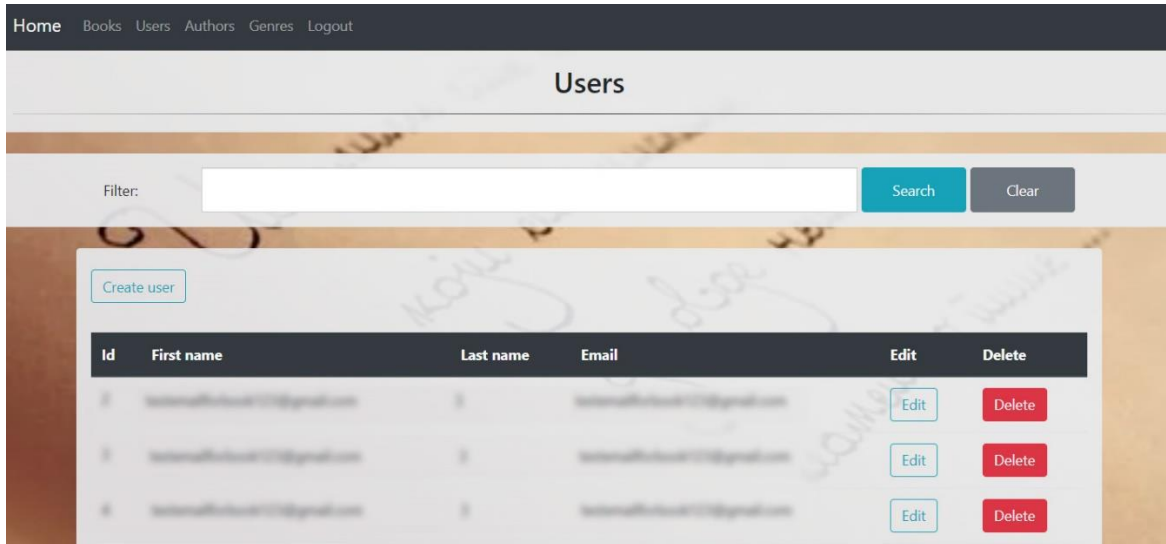
Database also contains a list with available books. New entries can be added via library website or directly into the database.

User administration

Navigate to tab 'Users'.

From there you can:

- Add new users by clicking 'Crate user button'
- Edit user
- Delete user

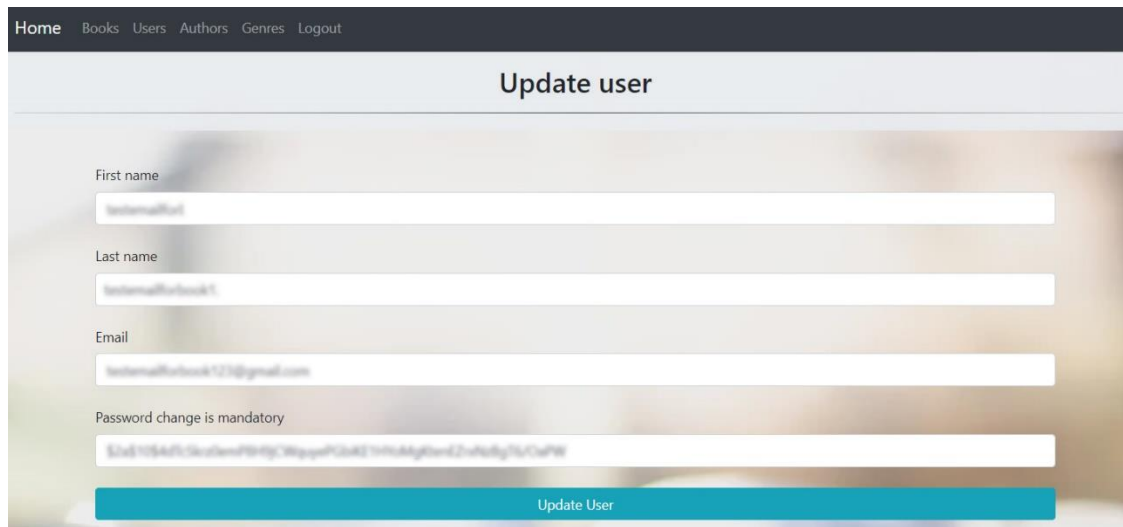


When creating a new user, following information is needed:

- First name
- Last name
- Email
- Password (must be minimum 6 symbols). Passwords are stored in crypted form.

The screenshot shows the 'Create new user' form. It has a dark navigation bar with links: Home, Books, Users, Authors, Genres, and Logout. Below this is a light gray header with the title 'Create new user'. The form contains four input fields: 'First name', 'Last name', 'Email', and 'Password'. Each field has a label above it and a placeholder text inside the input box. At the bottom of the form is a large blue button labeled 'Create new User'.

To update existing user information, chose 'Edit' button on the right side of the user table.



The screenshot shows a web application interface for updating a user. At the top, there is a dark navigation bar with links: Home, Books, Users, Authors, Genres, and Logout. Below this is a light gray header section titled "Update user". The main content area contains a form with the following fields:

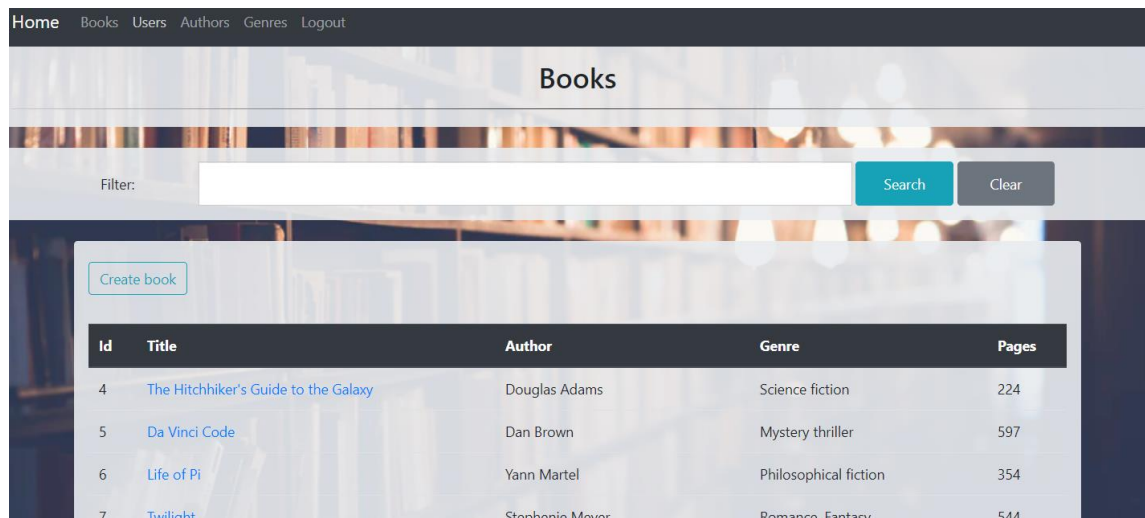
- First name:** A text input field containing "testemail@ad".
- Last name:** A text input field containing "testemail@forbook1".
- Email:** A text input field containing "testemail@forbook123@gmail.com".
- Password change is mandatory:** A text input field containing a long alphanumeric string: "52af1054f156a0a0f9b49c789a9f0a0211f04b9d6d2a4b976/CaP8".

At the bottom of the form is a teal button labeled "Update User".

Book list administration

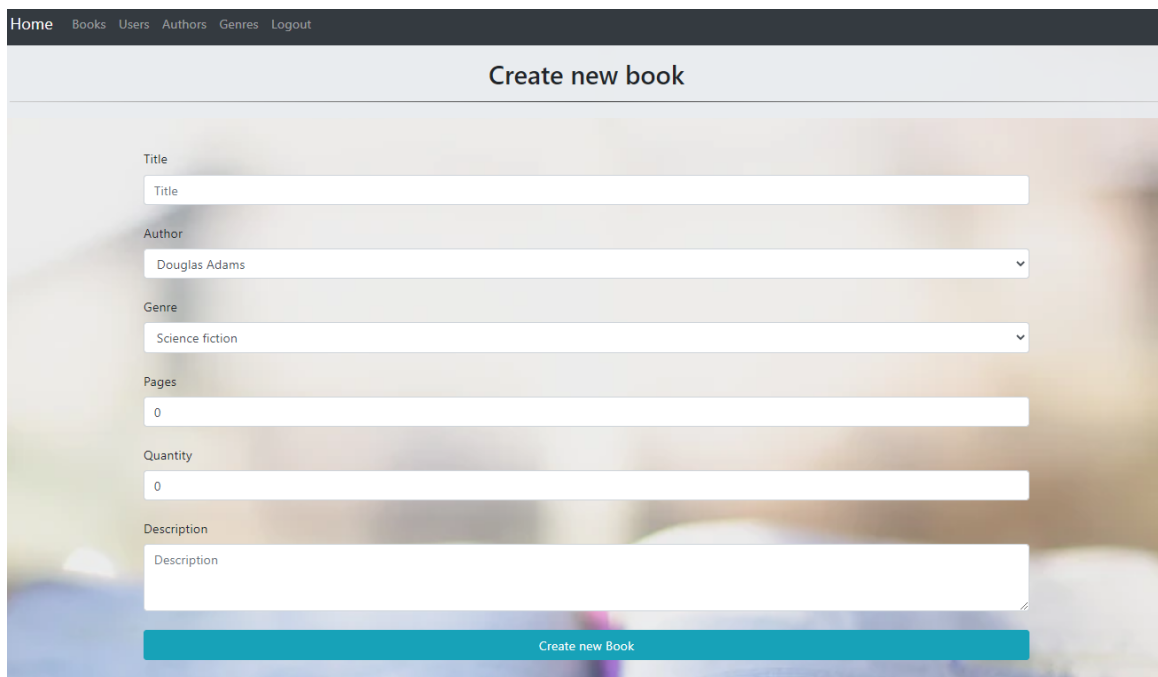
Updating books

Navigate to tab 'Books'



Id	Title	Author	Genre	Pages
4	The Hitchhiker's Guide to the Galaxy	Douglas Adams	Science fiction	224
5	Da Vinci Code	Dan Brown	Mystery thriller	597
6	Life of Pi	Yann Martel	Philosophical fiction	354
7	Twilight	Stephenie Meyer	Romance, Fantasy	544

To create new book chose button 'Create book' in the main Books page.



Title

Title

Author

Douglas Adams

Genre

Science fiction

Pages

0

Quantity

0

Description

Description

Create new Book

Following information must be provided:

- Title
- Author
- Genre
- Quantity of pages
- Quantity of books in stock
- Description

Note: Incase author and genre are not listed in relevant menus, they must be created before creation of the book. See chapters 'Updating genres' and 'Updating authors'.

Book information can be updated by clicking on book title in the main Books page.

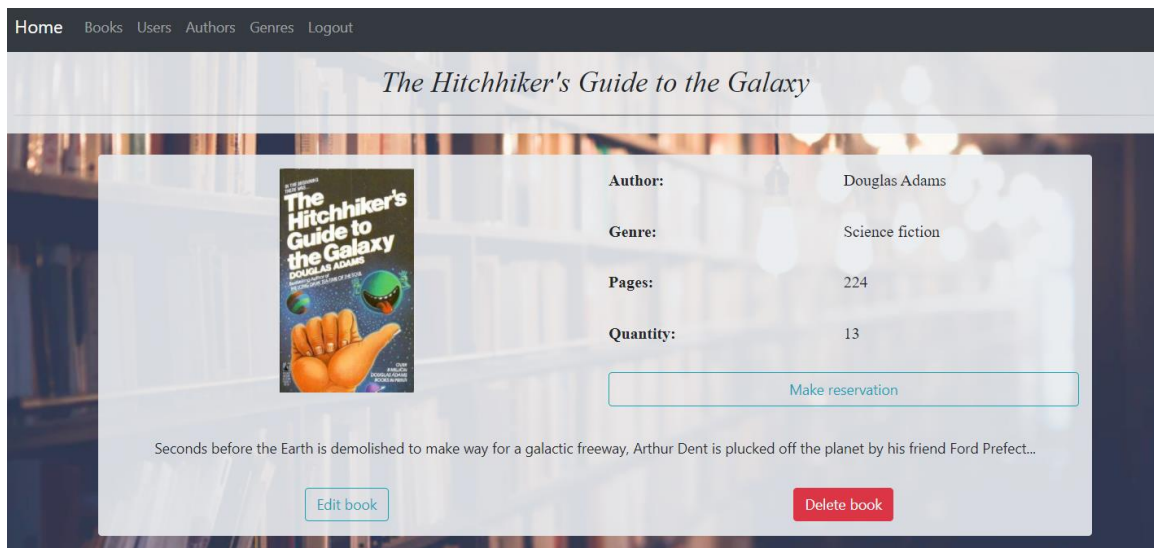
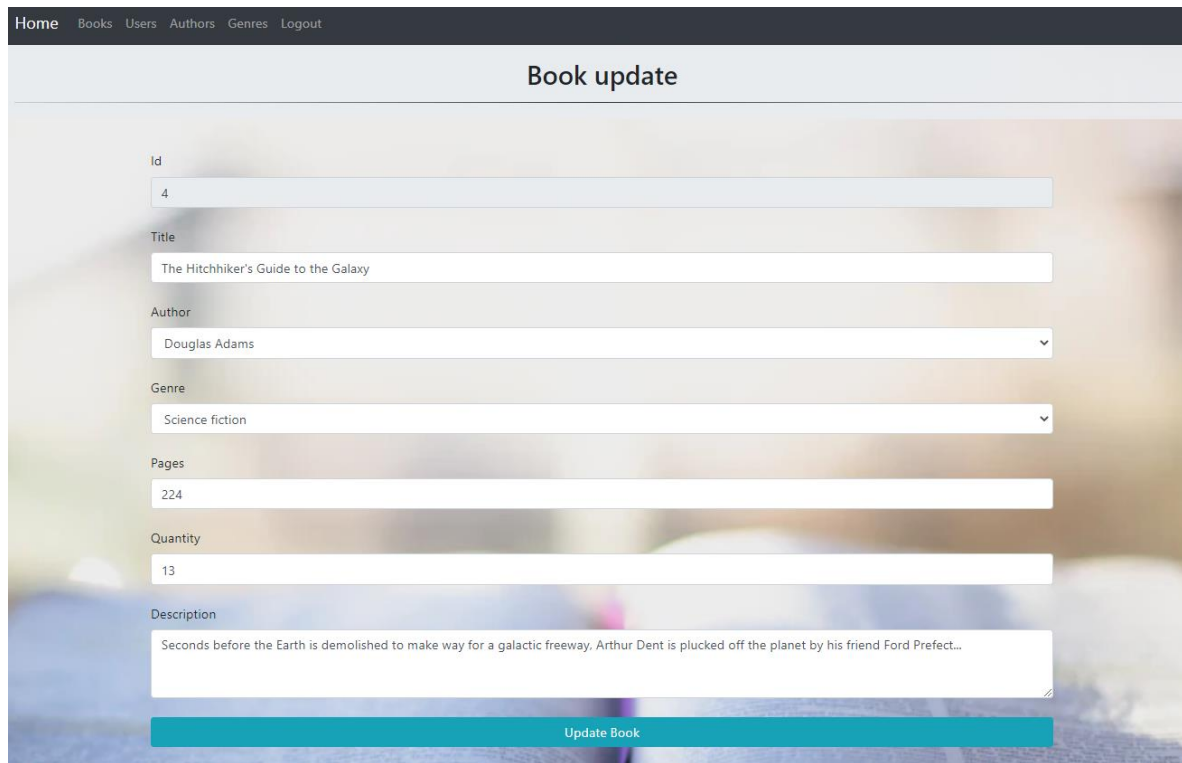


Image above shows features that are hidden from regular user. Book information can be updated by clicking button 'Edit book'. Books can be removed from database by choosing option 'Delete book'.

Function 'Make reservation' are designed for regular users. When book reservation is made, a confirmation email is sent to the customer and he can visit the library to collect the book.

Book update window is shown in following image:



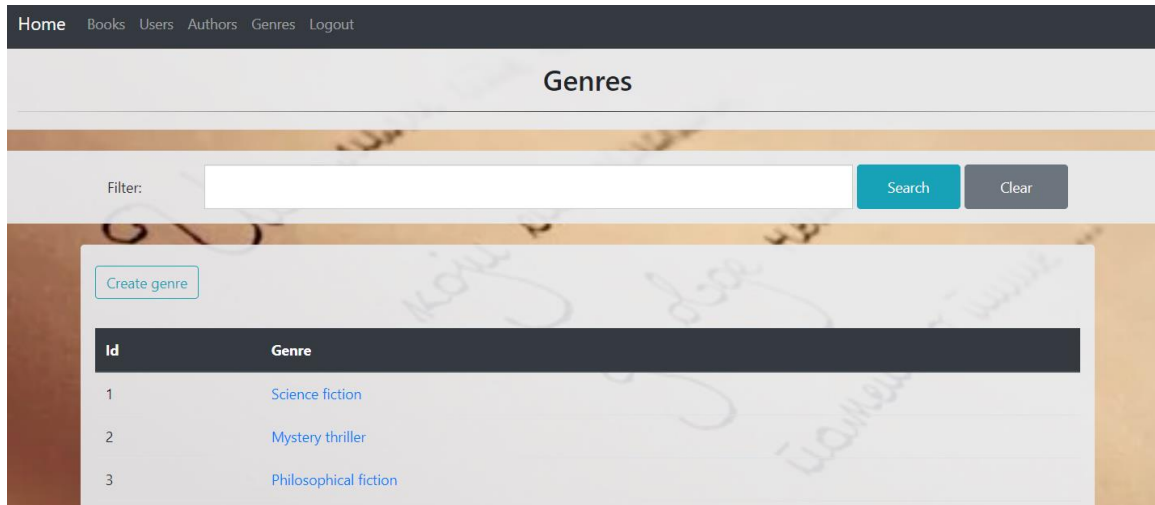
The image shows a web application interface for updating a book. At the top, there is a dark navigation bar with links: Home, Books, Users, Authors, Genres, and Logout. Below this is a light gray header section with the title 'Book update'. The main content area has a blurred background and contains a form with the following fields:

- Id:** A text input field containing the value '4'.
- Title:** A text input field containing the value 'The Hitchhiker's Guide to the Galaxy'.
- Author:** A dropdown menu with 'Douglas Adams' selected.
- Genre:** A dropdown menu with 'Science fiction' selected.
- Pages:** A text input field containing the value '224'.
- Quantity:** A text input field containing the value '13'.
- Description:** A text area containing the text 'Seconds before the Earth is demolished to make way for a galactic freeway, Arthur Dent is plucked off the planet by his friend Ford Prefect...'. There is a small icon in the bottom right corner of the text area.

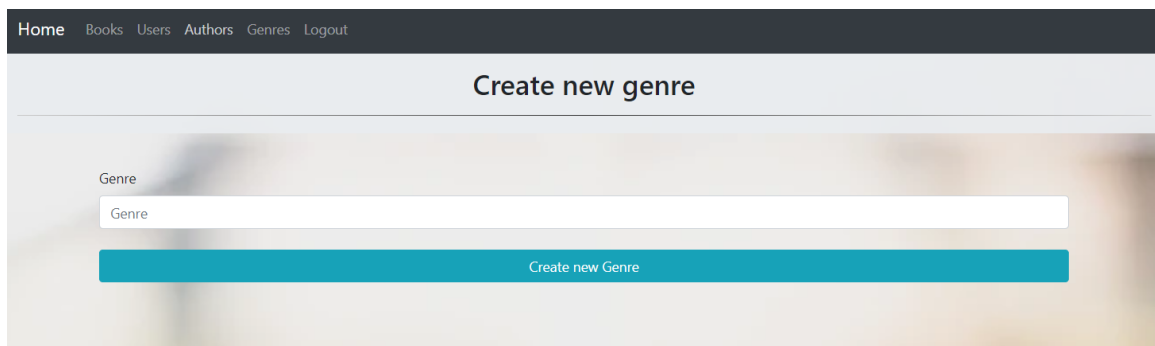
At the bottom of the form is a teal button labeled 'Update Book'.

Updating genres

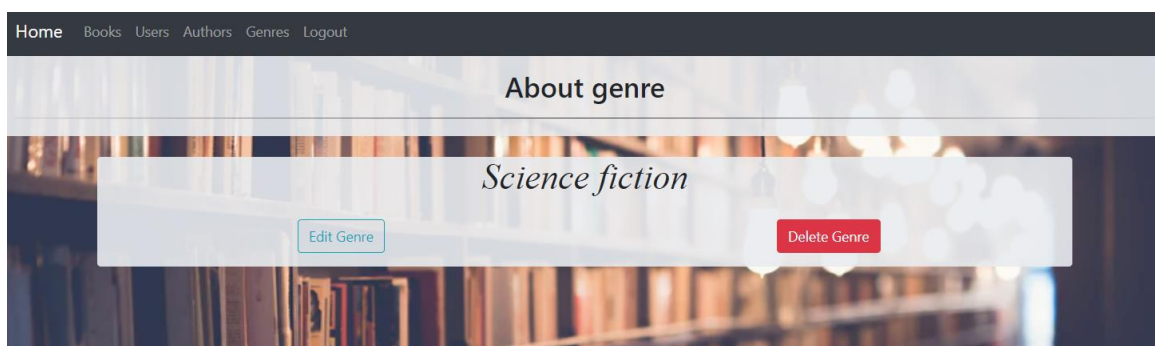
Navigate to tab 'Genres'



From there you can create new genre by clicking button 'Create genre'.



To update or delete an existing entry, click on genre title on main Genre list page.



Updating authors

Navigate to tab 'Authors'

Id	First Name	Last Name
1	Douglas	Adams
2	Dan	Brown
3	Stephenie	Meyer

From there you can create new genre by clicking button 'Create genre'.

First name
First name

Last name
Last name

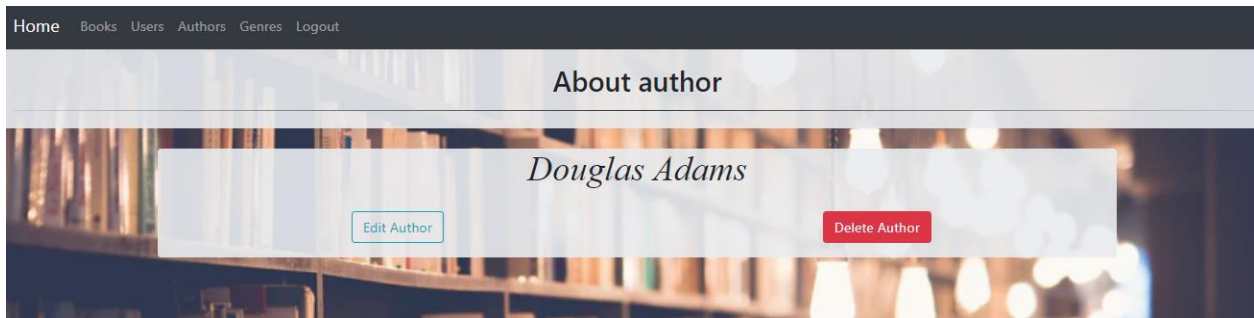
Create new Author

Following information must be provided:

- First name
- Last name

Confirm action by clicking on button 'Create new Author'.

Author information can be updated by clicking on author first name or last name in the main Authors page.



In this page author entries can also be removed from database by clicking 'Delete Author'.