Kacper Obrzut

Project BookShop System - "The Story Keeper"

Configuration data:

Put the bookshop folder in the C:\xampp\htdocs\ directory. Database name: In <http://localhost/phpmyadmin/> create new database and name it as bookshop, then import file called bookshop.sql.

To access admin panel <http://localhost/bookshop/admin/login.php>

Login: admin Password: admin

Database structure imported from <http://localhost/phpmyadmin/>:

[CREATE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/create-table.html) [TABLE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/create-table.html) `bookshop`.`adminaccount` (`id` INT(15) UNSIGNED [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL AUTO\_INCREMENT , `PersonalData` VARCHAR(200) [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , `login` VARCHAR(150) [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , `password` VARCHAR(255) [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , PRIMARY KEY (`id`)) ENGINE = InnoDB;

[CREATE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/create-table.html) [TABLE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/create-table.html) `bookshop`.`bookcategory` (`id` INT(15) UNSIGNED [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL AUTO\_INCREMENT , `genre` VARCHAR(200) [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , `pictureGenre` VARCHAR(255) [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , `available` VARCHAR(15) [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , PRIMARY KEY (`id`)) ENGINE = InnoDB;

[CREATE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/create-table.html) [TABLE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/create-table.html) `bookshop`.`book` (`id` INT(15) UNSIGNED [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL AUTO\_INCREMENT , `title` VARCHAR(255) [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , `author` VARCHAR(255) [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , `price` DECIMAL(10,2) [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , `description` VARCHAR(255) [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , `pictureBook` VARCHAR(255) [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , `bookcategoryId` INT(15) [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , `available` VARCHAR(15) [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , PRIMARY KEY (`id`)) ENGINE = InnoDB;

[CREATE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/create-table.html) [TABLE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/create-table.html) `bookshop`.`orderbooks` (`id` INT(15) UNSIGNED [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL AUTO\_INCREMENT , `price` DECIMAL(10,2) [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , `book` VARCHAR(255) [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , `quantity` INT(100) [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , `totalPrice` DECIMAL(10,2) [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , `orderDate` DATETIME [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , `clientName` VARCHAR(255) [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , `clientPhone` VARCHAR(255) [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL ,`clientEmail` VARCHAR(255) [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , `clientAddress` VARCHAR(255) [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL ,    `orderStatus` VARCHAR(80) [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) NULL , PRIMARY KEY (`id`)) ENGINE = InnoDB;

My project has an admin panel, it is only for admin, available at <http://localhost/bookshop/admin/login.php>. The project also has a website available for a regular user (client) it is available at <http://localhost/bookshop/index.php>.

I provided the following functionalities in the admin panel:

Admin can add other admins, change their passwords, login and remove admins. In login.php I set cookies login and password and to the session variable I set the login of the currently logged in user after prior verification of the login and password. In logout I destroy session of logged user.

In the admin, the manage (Admin, Books, Categories, Orders) files display data in a table from the database and contain inputs with a photo (input type=image) so I can display the label name and photo of the icon corresponding to a given action, e.g. (update, remove, add) and I pass by the action attribute to these pages by passing (id or image\_name) by input type=hidden so I know what I want to edit. When I want to delete a category or a book I also remove the image\_name (so physical image from a disk) passed by the unlink function.

In the categories tab, you can add a category (book genres), edit (Genre, image, available status), change their photo and set information whether a given category is available, because for example, we can add a category but after some time we will not have an item, so we will be able to display only available categories at a specific moment.

In the book tab we have a list of books and as before we can add books, edit (Title, Author, Price, Description, Image, choose category of particular book, available status whether we have book in stock)

In the order tab, we can view and manage orders by changing our customer's data in case of a mistake (Book name, Price, Quantity, Status, name, contact, email, address). The important thing is that the admin can set the Order Status using the available options (Ordered, On delivery, Delivered, Cancelled) they will be displayed in color in the manage orders panel. In addition, in the admin panel summary, I extract information from the database, how many orders there were on a given day, and how much revenue our store generated using aggregation function SUM() but only the number of orders delivered to make sure that they have already been completed and paid correctly (orderStatus='Delivered'").

After each operation, I setting the session variable notifying about the result of the operation. I segregate photos when adding categories or books in a way that I change the name to a uniform one with a random number and move it to the folder for book photos (images/books/book\_(randnumber).extension) and for categories (images/categories/bookcategory\_randnumber.ext).

I can log in to the admin remembering my login and password using cookies and when I click the logout button my session will be destroyed and I will be logged out.

I provided the following functionalities in the Book shop - "The Story Keeper":

In menu.php (common-part-book) I have unordered HTML list where I will display links to subpages e.g. Home, book categories, books, comments section and in menu.php in admin part (common-part-admin) I have also unordered list with links <a href> Home, Admin, categories, Books, Order, Logout.

In the book categories tab, our client can browse the category of books.

In the books tab, the customer can browse the list of available books and search for them using input type=”search” and SQL query to get books based on search keyword.

After pressing the order now button, we will be transferred to the form in which we can choose the quantity of the book and fill in our order details. In this form there is validation of data (Full name, Phone Number, email) using java script with information about correctness.

In the comments tab I give the visitors the opportunity to share their opinions about my website. It writes these messages to a text file (but with protection against vulgarisms) and reads from it. I'm using java script to count the word length of a comment.

In my project, I tried to use various ways of sending information in order to test them, such as $\_SESSION[] variables - displaying messages about the result of the operation, sending data from the form using the POST method, via input type hidden and GET via URL for instance in categories.php when I use <a href> hyperlink which go from categories.php (display category with image) to the categoriesBooks.php? and send category\_id which I want to display books that match a given category.

I use css styles in all possible ways through:

**inline** - by using the style attribute inside HTML elements, **internal** - by using a <style> element in the <head> section, **external** - by using a <link> element to link to an external CSS file.

To reduce the duplication of the code, I included code fragments by eg. <?php include('partials-front/menu.php'); ?> In menu.php which includes connecting to the database and checking the logged in user and this file also contains the beginning of the html before the end of <body> and the footer file contains information about the author along with a link to my profile on linkedin.com and the end of the html.

My code has validations in html, php and javascript. For example selection of images in the form (accept=".jpg" and required) check in php extension file. Validation of the order form with javascript I check each field with regex and display a message. In the comments section, I have the maximum comment length that can be entered into the table using html (maxlength=80) and the javascript function showing how many words the user can enter.

In the code I used <section> and <div class=”my own css class define in file .css”> in accordance with HTML5. The passwords retrieved from the form were hashed and the text was secured by sql injection mysqli\_real\_escape\_string.

Below is a list of links on which I supported my project and there are also links in the source code.