

Developing Websites for Multiplatform Use

Bookstore part 2 – login and registration

This part of the bookstore project will introduce a user account registration and login system. Once a user account has been created, the user can login with it. The user interface will also change to reflect this logged in state by replacing the login link in the navigation with a logout button.

The **project files** are stored at **Developing Websites for Multiplatform Use > Files > 7 Bookstore 2 – login and registration > part 2 files.zip** which contains:

- Screenshots for the login, logout, and registration-success pages.
- Screenshots for the updated sql class and header component.
- Screenshots for the user class.

Concepts covered

- Working with multiple forms on a single page.
- Preserving form values on error.
- Hashing user passwords and storing user data (user account registration).
- Verifying user credentials and user sessions (user login).
- Ending a user session (user logout).
- Conditional rendering of navigation links depending on login state.
- Page access guards (e.g., prevent logged in users from seeing the login/register page).

Instructions

1. Create the following php files in their associated folder using the provided screenshots.
 - a. **login.php**, **logout.php**, and **registration-success.php** at the project root.
 - b. **user.php** in the classes folder.
2. The following files need to be updated according to their associated screenshot:
 - a. **header.php**: check lines 41 to 62 in the screenshot.
 - b. **sql.php**: check lines 13 and 14 in the screenshot.
 - c. **book-list.php** and **book.php**: add **session_start()**; directly after the opening php tag.
3. Test in the browser by navigating to localhost and get the application working.


Creating the admin account

Once you have got the registration form working, follow these steps to create the admin account. While there are more sophisticated ways of doing this, this method is simple and straightforward.

If you forget this account's password, you can simply delete the old record and make a new account.

1. Create a user with a memorable name and password for testing purposes, for example:
 - a. username: admin – password: adminpassword
2. Go to phpMyAdmin and find the **users** table.
3. Double-click the **user_role** value for the admin account.
4. Replace "Member" with "Admin" and press enter.

user_id	username	email	password	user_role
1	admin	admin@email.com	\$2y\$10\$nuTMN0uy6DBI/e8mcrgfgeorO/C	Admin



5. When you log in with the admin account, you should see a link to the add book form in the navigation, though this won't go anywhere for now.

File and folder structure

Items in **red** require creation or updating using the provided instructions and screenshots.

classes

- book.php
- components.php
- connection.php
- **sql.php**
- **user.php**
- utils.php

components

- book-card.php
- book-single.php
- footer.php
- **header.php**
- no-books-found.php
- no-single-book-found.php

css

- style.css

icons

- nav-button.png

images

- (20 images of book covers)

includes

- credentials.php

js

- mobile-nav.js

book.php

book-list.php

login.php

logout.php

registration-success.php

database.sql