

Developing Websites for Multiplatform Use

Bookstore part 4 – basket

This part of the bookstore project implements a basket for users to store books to be ordered later contained inside a user-specific cookie. It can contain any number of books and the user can increase or decrease quantity or remove books entirely.

The **project files** are stored at **Developing Websites for Multiplatform Use > Files > 7 Bookstore 4 – basket > part 4 files.zip** which contains:

- Screenshots for the basket class and basket page.
- Screenshots for the updated components class and book page.
- PHP files for the basket-empty, basket-footer, basket-header, and basket-row components.

Concepts covered

- Creating cookies and adding books to them.
- Serialising arrays for storage in cookies and unserialising them for retrieval.
- Modifying and removing books stored in a cookie.
- Checking for existence of cookies and cookie contents.
- Performing different actions based on a given URL parameter.

Instructions

1. Place **basket-row.php**, **basket-header.php**, **basket-footer.php**, and **basket-empty.php** in the components folder.
2. Create the following PHP files in their associated folder:
 - a. **basket.php** at the project root.
 - b. **basket.php** in the classes folder.
3. In **header.php**, duplicate the Logout link, rename it to Basket and change the **href** to **basket.php**.
4. Update the following PHP files:
 - a. **components.php**: add the `basketTable()` function.
 - b. **book.php (the page, not the class)**: the code in the screenshot between lines 18 and 32 should be added directly after the ID URL parameter guard.
5. Test in the browser by navigating to localhost and get the application working.

File and folder structure

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

classes

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

components

- **basket-empty.php**
- **basket-footer.php**
- **basket-header.php**
- **basket-row.php**
- 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

add-book.php

basket.php

book.php

book-list.php

delete-book.php

login.php

logout.php

registration-success.php

update-book.php

database.sql

test-cover.jpg