
Pick-A-Book : The Online Book Store

GROUP MEMBERS

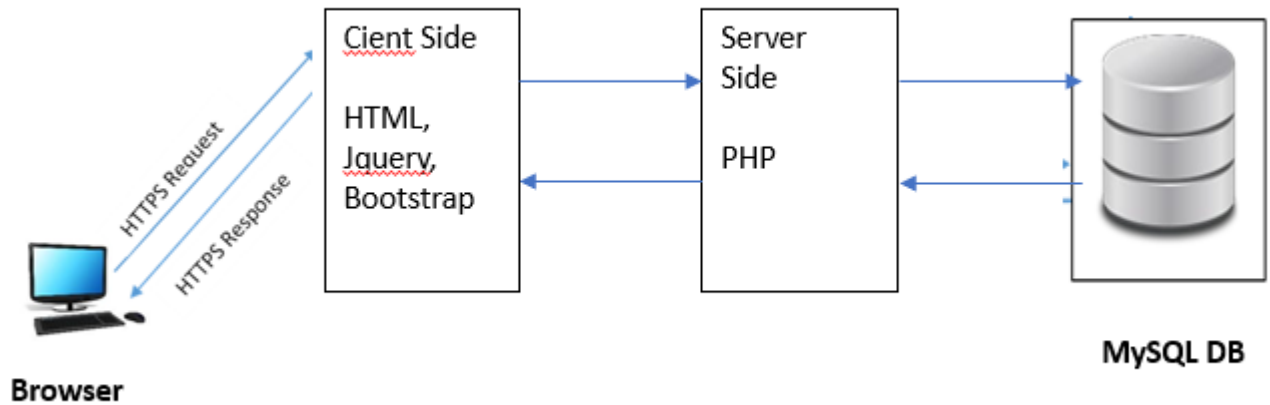
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Pick-A-Book: The Online Bookstore

Architecture

The Pick-A-Book: The Online Bookstore is a scalable web based application based on the php,HTML, Bootstrap, JQuery, MySql. The architecture depicting the complete flow of the web application is shown below-



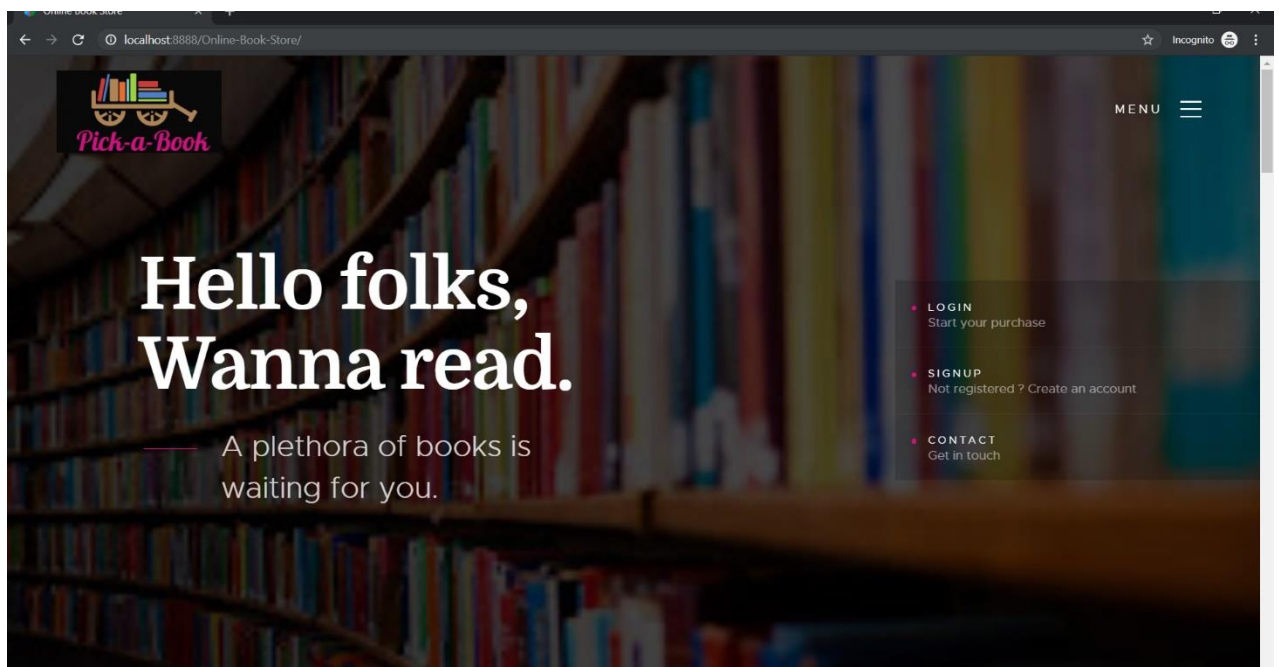
Technologies Used

- Front-End: Designed using HTML, CSS, JQuery and bootstrap components on top of transcend theme (theme available publicly for all)
- Server-side Programming: MySQL; WAMP 3.0;
- Database: MySQL

Initially we planned on working with Java and JavaScript but we explored more and we decided to take up PHP because of its powerful features and we would get a chance to work and learn a new language. Also, there was a bit familiarity with PHP among the team members and the easy availability of required libraries for the integration features.

Functionalities

1. Home Page



2. New User Registration/SignUp

A new user can register by clicking on the 'Sign Up' button on the homepage. The user will be redirected to a new page where he/she can fill the required details, i.e. Email, Password, First Name, Last Name, City, ZipCode, Phone. After entering the required details, the user should click the SIGNUP button. If successful, the user will be logged in automatically and taken to home page. If the user is already present, it gives the error message as "User is already registered".

Validations Done on SignUp Form:

First Name & Last Name : Required and Maxlength: 30

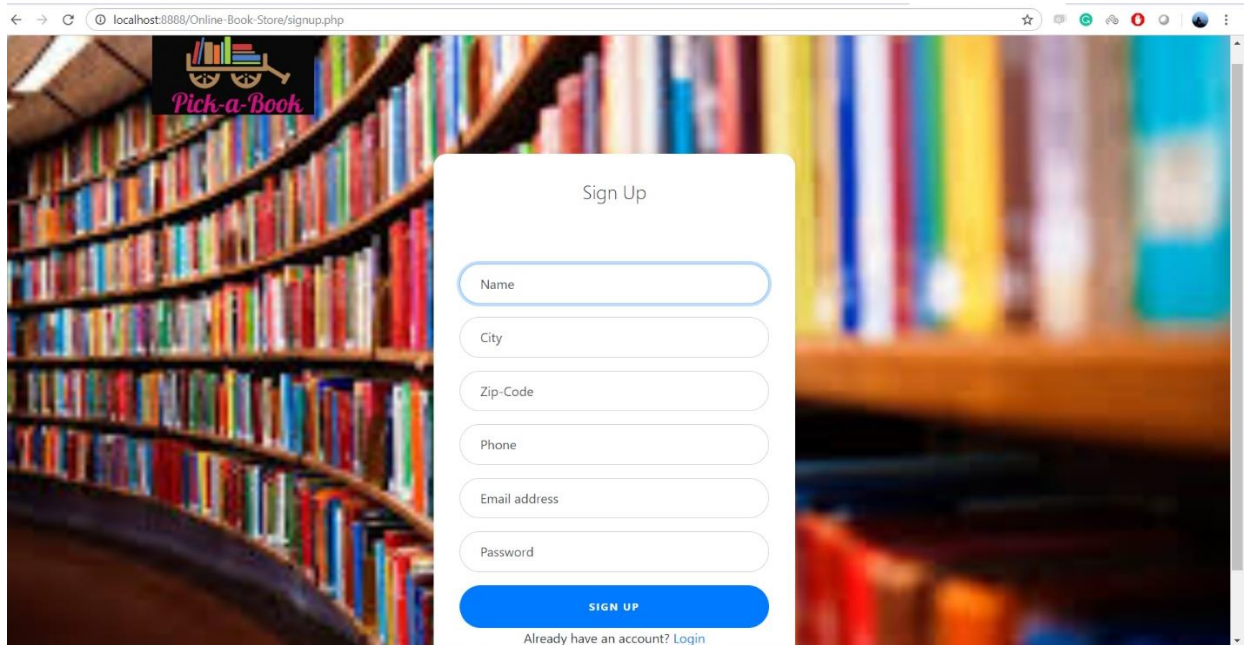
City : Required

Zip-Code : Required, Max Length: 5

Phone: Required, Max Length: 10

Email Address: Required and validate proper email address

Password : Required and must contain at least **one letter**, at least **one capital letter**, at least **one number**, and should be at least **8 characters**



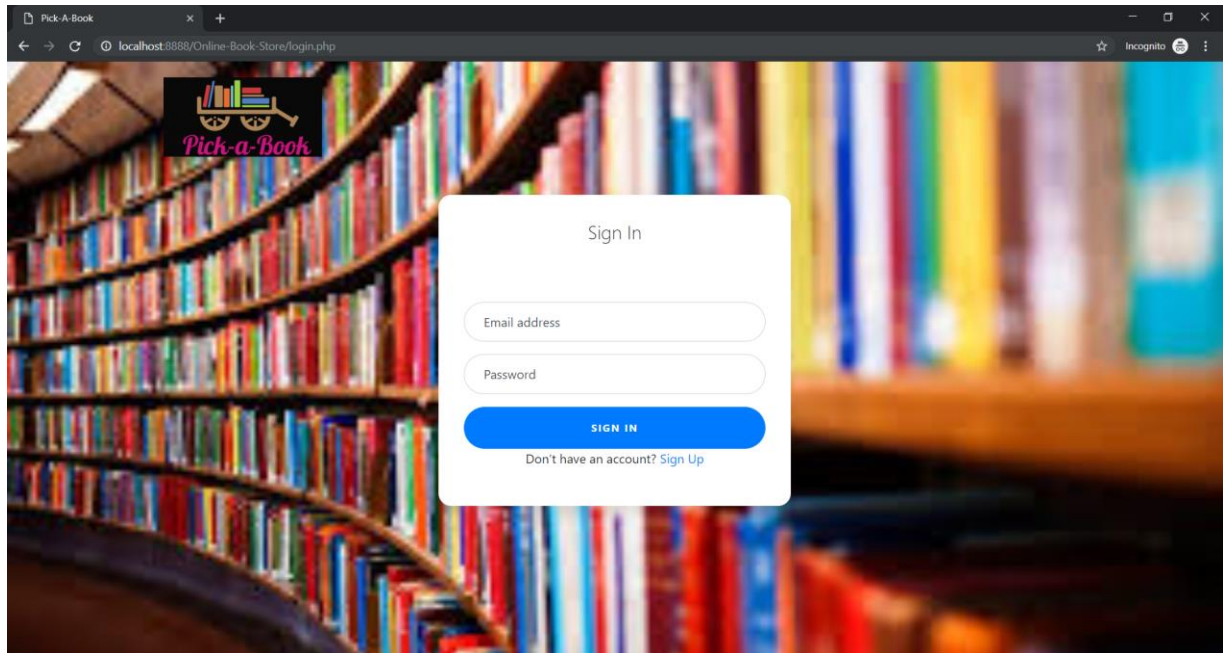
The screenshot shows a web browser window with the address bar displaying 'localhost:8888/Online-Book-Store/signup.php'. The page features a background image of a library with curved bookshelves filled with books. In the top left corner, there is a logo for 'Pick-a-Book' which includes a stylized bookshelf and the text 'Pick-a-Book'. Centered on the page is a white 'Sign Up' form. The form contains the following fields: 'Name', 'City', 'Zip-Code', 'Phone', 'Email address', and 'Password'. Below these fields is a blue button labeled 'SIGN UP'. At the bottom of the form, there is a link that says 'Already have an account? Login'.

3. Existing user login and logout

An existing user can login by clicking on the 'Login' button on the homepage. The user will be redirected to the login page. The user will be able to login to his account by entering the registered Email and Password and clicking the Login button. If successful, the user will be logged in and taken to home page. If not, then the 'Invalid Email or Password' message will be displayed.

Email Address: Required and validate proper email address

Password : Required



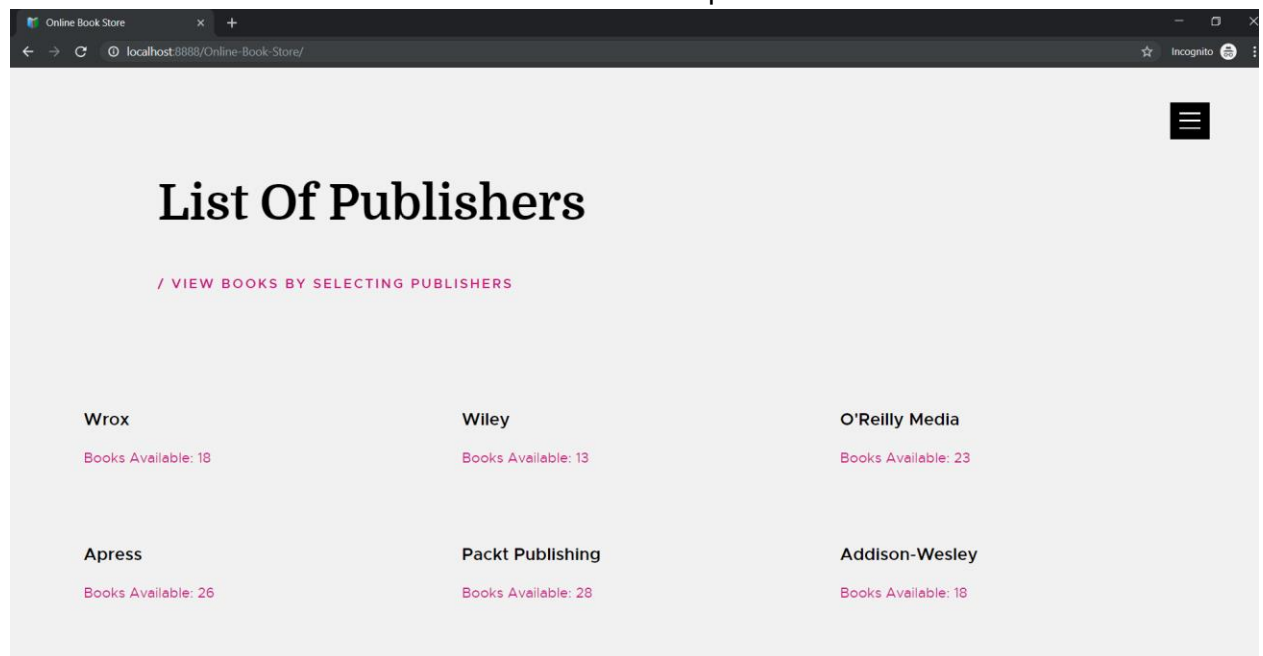
4. Category Page

This page is on homepage which provides a feature to go to page where you can select the books based on the category selected and hence make user life easier.



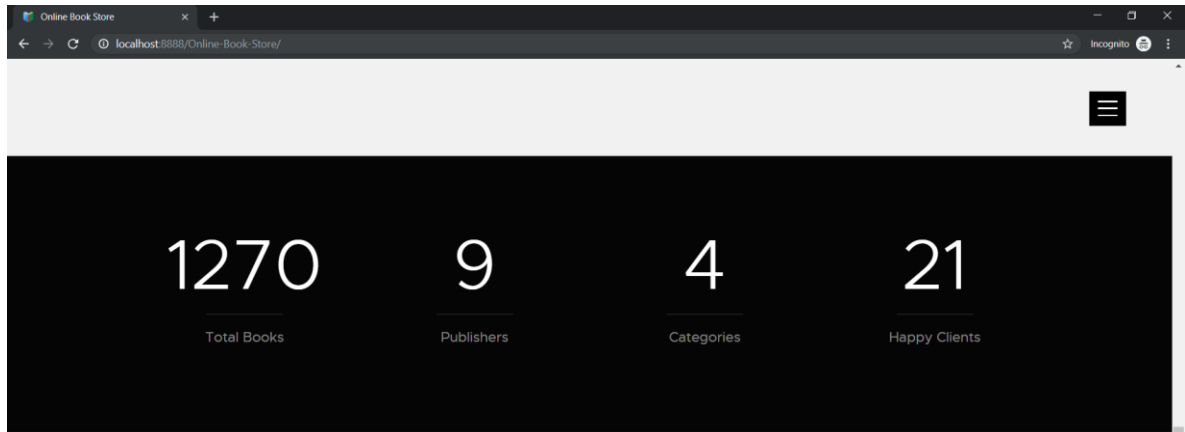
5. List of Publishers

This pages shows user the list of publishers and available books under each publisher. This facilitates the user to select the books based on the publisher.



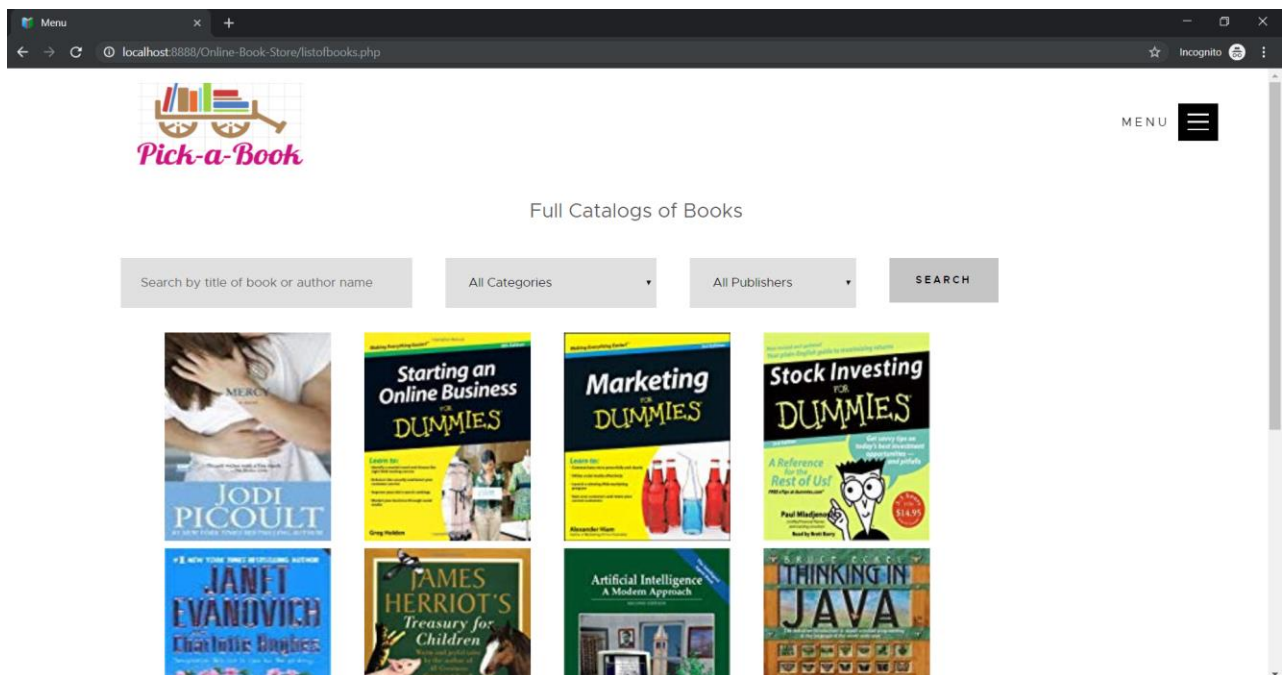
6. Statistics

This section gives you a peak at available books , publishers and categories and Happy Clients that we have for the website.



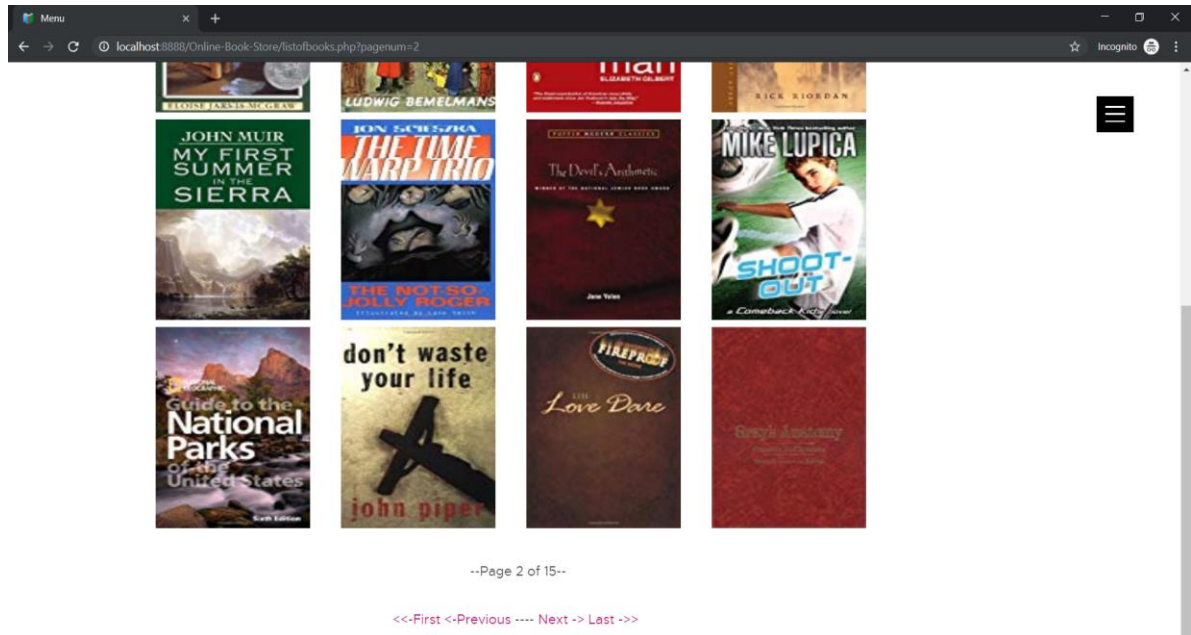
7. List of books and search and filter Features

This page gives you the complete list of books which users can add to their cart or purchase. This page also facilitates the functionality of search on title and author name, Filters the books based on category and publishers.



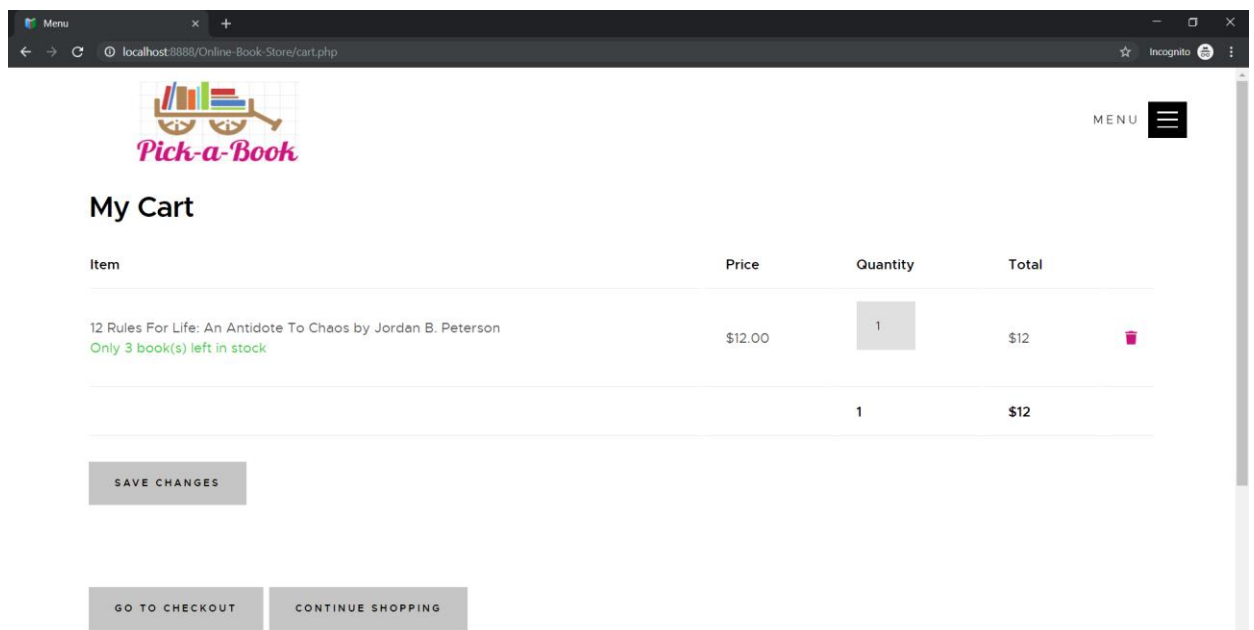
8. List of books with pagination

The list of feature also provides the functionality of pagination which make user life easy and website more user friendly.



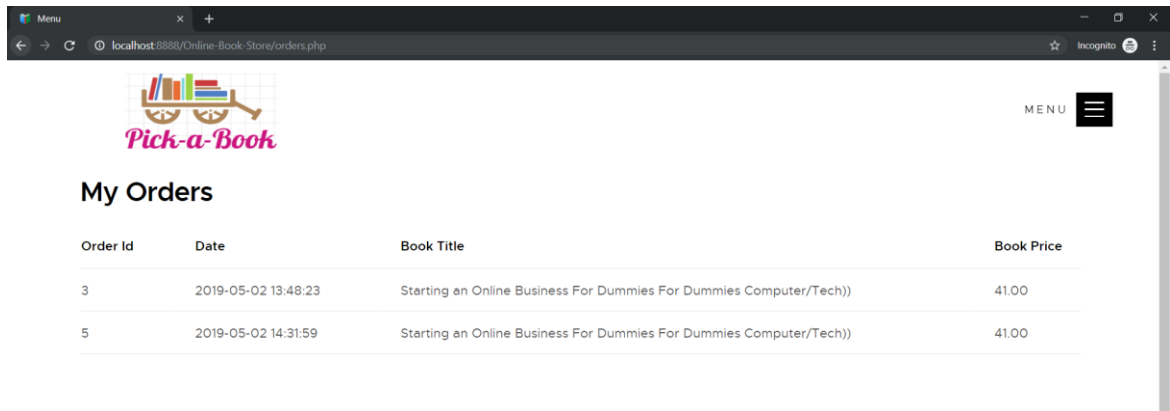
9. My Cart

This is users shopping cart. It contains all the books that user has selected to purchase. You can change the quantity of the books here. Also you can delete the books from your, which you no longer wish to purchase. If the quantity of the books, goes beyond the available quantity then it throws the error message. You can purchase these books by clicking “Go to Checkout” option.



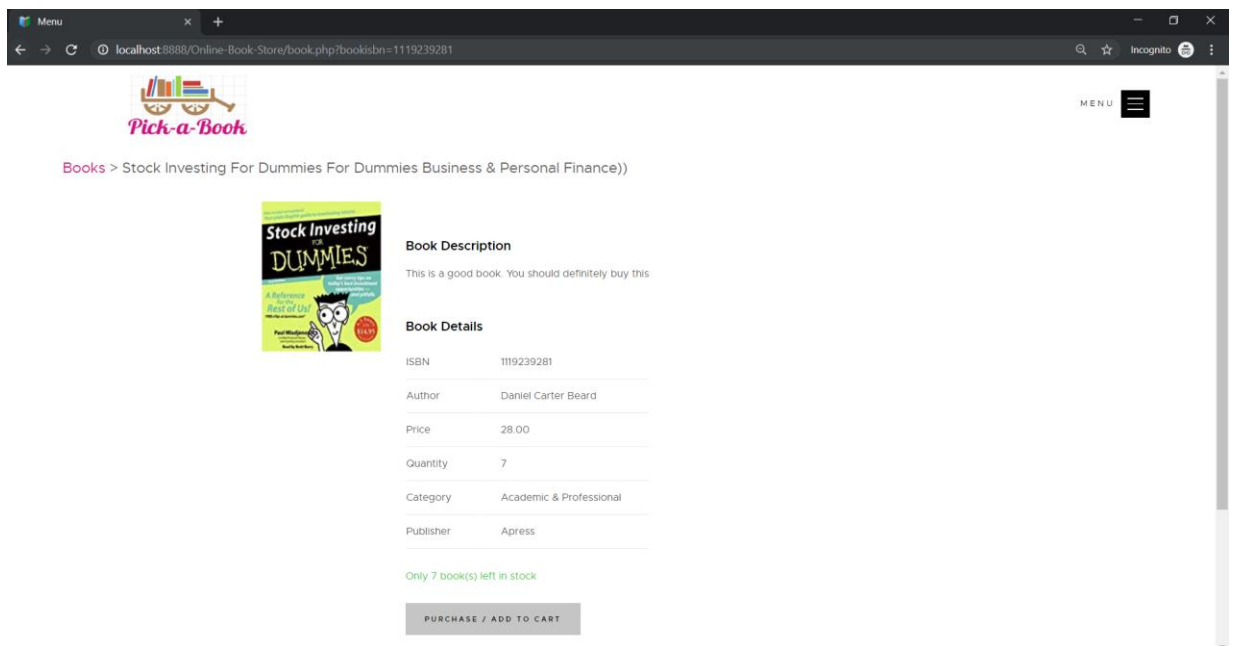
10. My Orders

This page shows user his purchase history, like books and time when that order was placed.



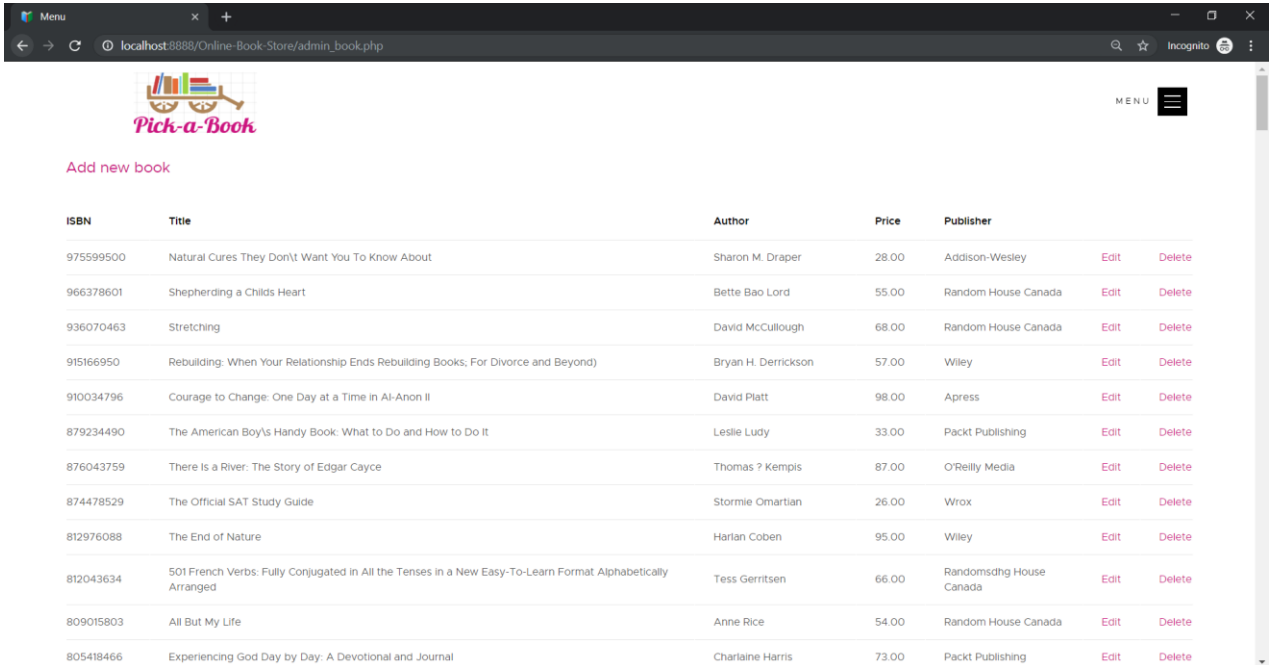
11. Book Details

This page gives the detailed description of the book when you select that book. It also shows you the number of available books available to purchase and gives user the option the add to cart. If the book is out of stock, then



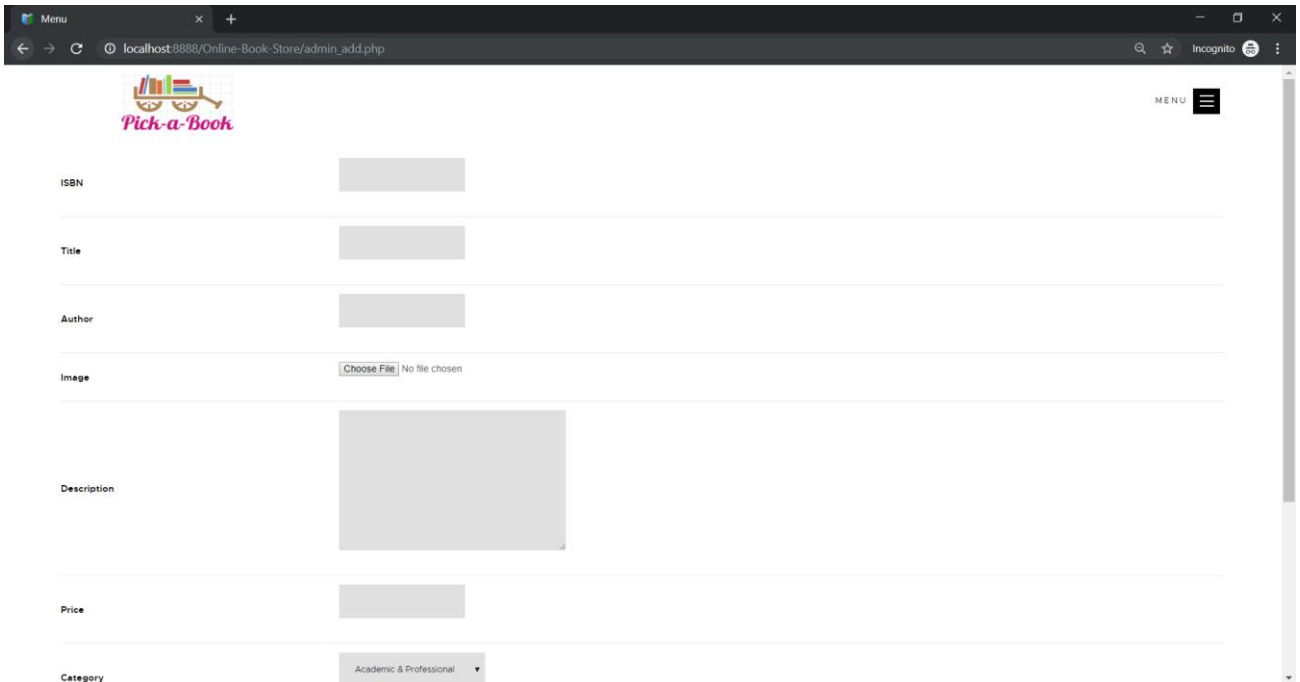
12. Admin Page

This page gives the admin the list of books and options to add, edit and delete the books



The screenshot shows the 'Pick-a-Book' admin interface at `localhost:8888/Online-Book-Store/admin_book.php`. It features a header with the site logo and a 'MENU' button. Below the header, there is a link to 'Add new book'. The main content is a table listing existing books.

ISBN	Title	Author	Price	Publisher		
975599500	Natural Cures They Don't Want You To Know About	Sharon M. Draper	28.00	Addison-Wesley	Edit	Delete
966378601	Shepherding a Child's Heart	Bette Bao Lord	55.00	Random House Canada	Edit	Delete
936070463	Stretching	David McCullough	68.00	Random House Canada	Edit	Delete
915166950	Rebuilding: When Your Relationship Ends Rebuilding Books, For Divorce and Beyond	Bryan H. Derrickson	57.00	Wiley	Edit	Delete
910034796	Courage to Change: One Day at a Time in Al-Anon II	David Platt	98.00	Apress	Edit	Delete
879234490	The American Boy's Handy Book: What to Do and How to Do It	Leslie Ludy	33.00	Packt Publishing	Edit	Delete
876043759	There is a River: The Story of Edgar Cayce	Thomas ? Kempis	87.00	O'Reilly Media	Edit	Delete
874478529	The Official SAT Study Guide	Stormie Omartian	26.00	Wrox	Edit	Delete
812976088	The End of Nature	Harian Coben	95.00	Wiley	Edit	Delete
812043634	501 French Verbs: Fully Conjugated in All the Tenses in a New Easy-To-Learn Format Alphabetically Arranged	Tess Gerritsen	66.00	Random House Canada	Edit	Delete
809015803	All But My Life	Anne Rice	54.00	Random House Canada	Edit	Delete
805418466	Experiencing God Day by Day: A Devotional and Journal	Charlaine Harris	73.00	Packt Publishing	Edit	Delete



The screenshot shows the 'Pick-a-Book' admin interface at `localhost:8888/Online-Book-Store/admin_add.php`. It features the same header as the previous page. Below the header, there is a form to add a new book.

ISBN:

Title:

Author:

Image: No file chosen

Description:

Price:

Category: