

Abstract

The main objective of the project is to create an online book store that allows users to search and purchase a book online based on key(branch and semester). The selected books are displayed in a tabular format and the user can order their books online through chat with the buyer. Using this Website the user can purchase a any book online instead of going out to a book store and wasting time.

Bookland is an online web application where the customer can purchase books online. Through a web browser the customers can search for a book by its branch and semester and the book through chat with the seller. The user can login using his account details or new customers can set up an account very quickly. They should give the details of their name,username and password. The user can also give feedback to the seller using the chat section. The books are divided into many categories based on branches viz computer,mechanical,electrical,etc,..etc

The Bookland Website provides customers with online shopping through a web browser. A customer can, create, sign in to his account, search for the book and buy the book.

This application is developed using Django,html programming language. The SQLite, admin authentication,user controls are used to develop the Online Book store.

Keywords:webapp,online,server,chat

Introduction

BookLand is an online web application where the students can purchase educational books online. Through a web browser the students can search for a book by its branch and semester, later can add to the shopping cart and finally purchase using chat with the buyer and discussing the price. The user can login using his account details or new customers can set up an account very quickly. The books are divided into many categories based on subject Like School, College, and University.

This project has the following functionalities:

- **A Home page with product catalog** : This is the page where the user will be navigated after a successful login. It will display all the book categories and will have a search keyword option to search for the required book. It also includes some special sections.
- **Search**: A search by keyword option is provided to the user using a textbox .The keyword to be entered should be the branch and semester. If the user would like to know details about a book he can click on the title or the image from where he will be directed to a Book description page. It includes the notes of the book content, the recommend book titles. Users can also comment about the book and show the commented articles.
- **Complain**: The user can complain if they will find any problem. The admin will try to solve their problem.
- **Managing user accounts**: Each user should have an account to access all the functionalities of website. User can login using login page and logout using the logout page. All the user sessions will be saved in the database.
- **Administration**: The Administrator will be provided with special functionalities like
 - Add or delete a book category
 - Add or delete buyer and seller.
 - Manage member orders.
 - Add or delete a chat history.

Scope

- Create different system users and assign different roles with related permissions.
- Manage all the account details such as user name, email addresses of the entire customer from one central location.
- Manage all the details regarding features of the books such as book price, buyer and seller chat, database.
- Track all the customers and their contact details.
- Confirmation of end user identity and will verify which users are authorized to receive support.
- Maintain history of each customer and their related information about the book sale.
- View all the details of all the interactions made with the customer.

Requirement Analysis

Client-Side Requirements:-

- Responsive Web Design
- Attractive, Easy-to-Navigate Web Store Design
- Speedy Page Loading
- Product Details
- Search and Filter
- Students Reviews
- Powerful Shopping Cart
- Social Media
- Visible Contact Info

Server-Side Requirements:-

Operating System:-

1. Windows
2. Linux
3. Mac

Web Servers:-

1. Apache Tomcat
2. XAMPP
3. Apache HTTP Server
4. Django Server

Software Requirements

Dependancies:-

1. Operating System:-Windows/UNIX

2. Internet Browser-Mozilla,Firefox,Google Chrome
3. Coding- Django, CSS, HTML, SQLite Database Server.
4. Front End-HTML,CSS
5. Back End-MySQL
6. Webserver-Django Web Server

Database Connectivity:-

- MySQLite 3
- PHP using Xampp

GUI


4.1 User Login

BoOkLand - Google Chrome

KKWAGH EN x FINAL - prvt x prajwal - Goc x Images are n x New Tab x HOW TO AD x Downloads x BoOkLand x

Not secure | 192.168.21.144:8090/logout_user/

Member Login


Keep it simple, stupid.

Username:

Password:

LOGIN

Don't have an account? [Click here to register.](#)

4.2 User Registration

Register - Google Chrome

KKWAGH EN x FINAL - prvt x prajwal - Goc x Images are n x New Tab x HOW TO AD x Downloads x Register x

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BoOkLand

Register for an Account

Username:

Email address:

Password:

Submit

Already have an account? [Click here to log in.](#)

4.4 Booklist







BoOkLanD - Google Chrome

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BoOkLanD Sell BookSet wishlist Logout

Search

Sellers

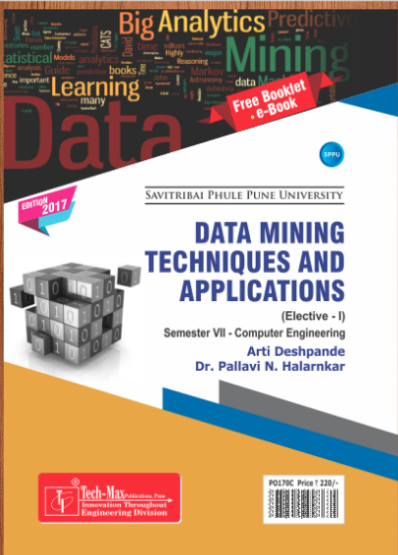
BookSet	Seller	Branch and Semester	Total price	Details
	praveen	COMP7	740	View
	praveen	CIVIL7	645	View
	praveen	COMP6	500	View
	praveen	COMP4	500	View
	prajwal	IT7	980	View
	prajwal	IT4	700	View

4.5 Book Details and Description

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BoOkLanD Sell BookSet wishlist Logout



DATA MINING TECHNIQUES AND APPLICATIONS
(Elective - I)
Semester VII - Computer Engineering
Arti Deshpande
Dr. Pallavi N. Halarnkar

SAVITRIBAI PHULE PUNE UNIVERSITY

Free Booklet + e-Book

10179C Price ₹ 220/-

Branch and Semester: COMP7

Subjects: TOC,SDL,DBMS,OOP,MP,M3

Description: COMPUTER-SEM7

Total Price: 740

click here to chat with seller: [Chat](#)

Add To WishList: [★](#)

192.168.21.144:8090/22/home/

4.7 Create Bookset

Add a New Set - Google Chrome

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BeO(k)anD Sell BookSet wishlist Logout

Add a New BookSet

BookSet No file chosen

Photo:

Subjects:

Description:

Key:

Total Price:

How To Select The KEY

Key is the combination of your branch and semester of which you want to sell the books.

Example : if you want to sell the bookset of COMPUTER branch and 5th semester then you have to enter COMP5 as key.

Bookset

You are expected to upload the group photo of books containing all books that you want to sell

4.6 Chat

Add a New Set - Google Chrome

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BeO(k)anD Sell BookSet wishlist Logout

Chat Box with praveen

hi praveen

hi prajwal

Source Code

Testing

5.1 Featured to be tested

The following list describes the features to be tested:

USER:

- Registration
- Login
- Add To Cart
- Edit Cart

ADMIN:

- Create and Delete book from Category
- Create and Delete a Category
- Manage Orders
- Manage Members

5.2 Test Cases

5.2.1.USER

ID	TEST CASE	USER INPUT	PASS CRITERIA
U_REG_1	User Registration	User selects already existing user name	Display message to choose different user name
U_REG_2	User Registration	User enters different password in password confirm field	Display message that Password and Confirm Password fields don't match
U_REG_3	User Registration	User forgets to enter a particular required fields	Display message The value in field is required
U_REG_4	User Registration	User enters all the details successfully	User enters all the details successfully

4.2.2.LOGIN

ID	TEST CASE	USER INPUT	PASS CRITERIA
U_LOG_1	User Login	User enters a wrong username	Display message ID Login or Password is incorrect.

U_LOG_2	User Login	User enters a wrong password	Display message Login or Password is incorrect.
U_LOG_3	User Login	User enters correct username and password	User logs in successfully

5.2.3 ADMIN

Create and Delete a Book from Category

ID	TEST CASE	ADMIN INPUT	PASS CRITERIA
AD_CDB_1	Create and Delete a Book from Category	Admin adds a new book to category	Book should be updated in Categories list
AD_CDB_2	Create and Delete a Book from Category	Admin deletes a book from category	Book should be deleted in Categories list

Annexure

References:-

7.1 Websites:

- <https://docs.djangoproject.com/en/1.8/intro/tutorial01/>
- <http://www.mysql.com/>
- <http://www.w3schools.com/django>
- <http://stackoverflow.com/>

7.2 Books:

- Expert MySQLite, by Dr. Charles A. BellPHP Bible, 2nd Edition
- HTML & CSS: Design and Build Web Sites,Book by Jon Duckett
- Django and MySQL Web Development (4th Edition)
- Mastering Django: Core,Book by Nigel George
- SQL Lite Programming by Krishna Rungta