ONLINE BOOKSTORE

A MINI-PROJECT REPORT

Submitted by

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in partial fulfillment for the award of the degree

of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE & ENGINEERING

CHITKARA UNIVERSITY

CHANDIGARH-PATIALA NATIONAL HIGHWAY

RAJPURA (PATIALA) PUNJAB-140401 (INDIA)

SEPTEMBER 2023

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INTRODUCTION

The internet has unquestionably changed the way we obtain information, do business, and communicate with one another. The creation and proliferation of online bookstores have been one of the most significant advancements in this digital age. These online platforms have not only changed the way we buy and enjoy literature, but they have also transformed the entire publishing and bookselling economy. The concept of online bookshops was a natural step in the digital age, driven by rising demand for convenience and accessibility, as well as the increasing popularity of e-commerce.

1.1 The Beginnings of Online Bookselling

Online bookstores have their origins in the early 1990s, when the World Wide Web was still in its infancy. Companies such as Amazon.com paved the way for the online bookselling business. Amazon, founded in 1994 by Jeff Bezos, began as an online bookstore and swiftly grew to become one of the world's largest e-commerce platforms. This decision was critical in showing the viability of selling books online and laying the groundwork for the future of digital bookselling.

1.2 Factors Influencing Evolution

Several reasons have aided in the expansion and evolution of online bookstores:

Convenience: Customers like the convenience that online bookstores provide. Readers can browse a wide library of books, make purchases, and have them delivered to their door with just a few clicks, eliminating the need for physical trips to traditional brick-and-mortar businesses.

Wider Selection: Because online bookshops can hold a wide variety of books, including rare and hard-to-find titles, buyers have access to a broader selection than traditional stores can.

Digitalization of Content: The rise of e-books and audiobooks encouraged the expansion of online retailers even more. Customers may now download digital versions of their favorite books instantaneously, making reading more accessible than ever.

User Reviews and Recommendations: Online bookstores leverage user-generated content, such as reviews and recommendations, to help customers make informed choices. This personalized approach enhances the overall shopping experience.

Global Reach: The internet allows online bookstores to cater to a global audience. Readers from different parts of the world can purchase books from the same platform, promoting cultural exchange and diversity in reading material.

PROBLEM STATEMENT

Traditional brick-and-mortar bookstores are facing unprecedented challenges in an era driven by digital innovation and extensive internet use. Readers are increasingly turning to the ease of online bookstores to gain access to a diverse range of literature in both physical and digital versions. This shift in customer behavior raises an urgent issue: the need for a comprehensive and user-friendly online bookshop platform capable of meeting the different needs and preferences of book fans.

The current online bookstore landscape needs a globally accessible and engaging platform that effortlessly connects readers with a diverse range of books while promoting a feeling of community and personalization. Among the difficulties are:

Limited Availability: Many existing online shops lack the breadth and depth of book options required to appeal to the different tastes and preferences of readers all around the world. This restriction limits access to specialist genres and rare titles, leaving some readers unsatisfied.

Impersonal Shopping Experiences: While online bookstores provide the convenience of remote shopping, they often lack the personal touch and engagement found in physical stores. Readers miss the personalized recommendations and social interactions that can enhance the enjoyment of book browsing.

Content Discovery: Finding fresh and relevant books in the large digital sea of literature can be difficult. Readers require more effective tools for finding books that match their interests and preferences.

Integration of Digital Content: With the rise of e-books and audiobooks, there is an increasing demand for the seamless integration of digital content alongside physical books, allowing consumers to choose their preferred reading mode.

Our project intends to create a user-friendly, comprehensive online bookshop website to solve these difficulties and give a solution. This platform will provide a large range of books, will encourage content discovery through tailored recommendations and user reviews, and will cultivate a sense of community through features like book clubs and forums. The concept aims to bridge the gap between the convenience of online shopping and the rich, personal experience of conventional bookshops, reviving the world of bookselling in the digital age.

TECHNICAL DETAILS

This section should cover the technologies, tools, and methodologies you plan to use to develop and deploy the website.

1.1 Programming Languages and Frameworks:

HTML

We use HTML to structure our website's pages, creating layouts for book listings, user profiles, shopping carts, and more. HTML provides the foundation for the content and layout of your pages.

CSS

CSS is essential for making our website visually appealing. It controls layout, colors, fonts, and overall aesthetics. We can create a consistent and attractive design by customizing colors, fonts, margins, padding, and other visual properties using CSS rules. We can style elements to match our desired design, ensuring that our online bookstore is easy on the eyes and user-friendly.

JavaScript

JavaScript will enable interactivity on our website. We can implement features like user registration and login, real-time search, book recommendations, and shopping cart functionality. JavaScript also helps validate user inputs, enhancing the overall user experience.

KEY FEATURES

01. **User Registration and Authentication:**

Allows users to create accounts and log in securely.
Implemented user authentication to protect user data and secure access to certain features.

02. **Book Listings:**

Displays a catalog of books with details such as title, author, genre, and price.
Includes book descriptions, cover images, and user reviews.

03. **Search and Filter:**

Provides a search bar for users to find specific books by title, author, or genre.
Has filtering options to refine search results based on criteria like price range or publication date.

04. **User Profiles:**

Enables users to create and manage their profiles.
Allows users to track their order history, saved favorites, and reading lists.

05. **Shopping Cart and Checkout:**

Allows users to add books to their shopping carts.

06. **Recommendation Engine:**

Provide personalized book recommendations based on user preferences, browsing history, and purchase history.

07. **Book Reviews and Ratings:**

Allows users to rate and review books.

08. **Responsive Design:**

Ensured the website is accessible and visually appealing on various devices, including desktops, tablets, and smartphones.

09. **Content Management:**

Uses a CMS (WordPress) to manage blog posts, news updates, and other dynamic content on the website.

10. **Social Media Integration:**

Allow users to share book recommendations or reviews on social media platforms.

11. **Documentation:**

a. Includes user documentation/guides explaining how to use the website.

PROJECT ADVANTAGES

01. Convenience for Users:
   a. Users can browse and purchase books from the comfort of their homes, eliminating the need to visit physical bookstores. 24/7 accessibility allows users to shop at any time that suits them.

02. Wide Selection of Books:
   a. Users have access to an extensive catalog of books, including a variety of genres, niche topics, and rare titles.

03. Personalization:
   a. The recommendation engine provides personalized book suggestions, enhancing the user experience and helping users discover new books of interest.

04. User Reviews and Ratings:
   a. Users can make informed decisions based on book reviews and ratings from fellow readers.

05. User-Friendly Interface:
   a. The website offers an intuitive and easy-to-navigate interface, making it accessible to users of all ages and technical backgrounds.

06. Content Management and Updates:
   a. The use of a content management system (WordPress) enables easy content updates, including blog posts, news, and announcements.

07. Social Interaction:
   a. Users can engage with the community by sharing book recommendations and reviews on social media.

08. Wide Accessibility:
   a. The website is responsive and accessible on mobile devices, catering to users on smartphones and tablets.

RESULTS WITH IMAGES AND NECESSARY CODE

HTML CODE

```html
<!DOCTYPEhtml>

<htmllang="en">

<head>

<metacharset="UTF-8">

<metahttp-equiv="X-UA-Compatible"content="IE=edge">

<metaname="viewport"content="width=device-width, initial-scale=1.0">

<title>Book Store Website</title>

<linkrel="stylesheet"href="style.css">

<linkrel="stylesheet"href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.1.1/css/all.min.css"integrity="sha512-
KfkfwYDsLkIlwQp6LFnl8zNdLGxu9YAA1QvwINks4PhcElQSvqcyVLLD9aMhXd13uQjoXtE
KNosOWaZqXgel0g=="crossorigin="anonymous"referrerpolicy="no-referrer"/>

</head>

<body>



<section>



<nav>



<divclass="logo">

<imgsrc="image/logo.png">

</div>
```

```html
<ul>

<li><ahref="#Home">Home</a></li>

<li><ahref="#About">About</a></li>

<li><ahref="#Featured">Featured</a></li>

<li><ahref="#Arrivals">Arrivals</a></li>

<li><ahref="#Reviews">Reviews</a></li>

<li><ahref="#Blog">Blog</a></li>

</ul>


<divclass="social_icon">

<iclass="fa-solid fa-magnifying-glass"></i>

<iclass="fa-solid fa-heart"></i>

</div>


</nav>


<divclass="main">


<divclass="main_tag">

<h1>WELCOME TO<br><span>BOOK STORE</span></h1>


<p>
```

```html
        Lorem ipsum dolor sit amet consectetur adipisicing elit. Assumenda
        molestias atque laborum

        non fuga ex deserunt. Exercitationem velit ducimus praesentium,
        obcaecati hic voluptate id

        tenetur fuga illum quidem omnis? Rerum?

      </p>

      <a href="#" class="main_btn">Learn More</a>


    </div>



    <div class="main_img">

      <img src="image/table.png">

    </div>



    </div>



  </section>







    <!--Services-->



    <div class="services">
```

```html
<divclass="services_box">



<divclass="services_card">

<iclass="fa-solid fa-truck-fast"></i>

<h3>Fast Delivery</h3>

<p>

Lorem ipsum dolor, sit amet consectetur adipisicing elit.

</p>

</div>



<divclass="services_card">

<iclass="fa-solid fa-headset"></i>

<h3>24 x 7 Services</h3>

<p>

Lorem ipsum dolor, sit amet consectetur adipisicing elit.

</p>

</div>



<divclass="services_card">

<iclass="fa-solid fa-tag"></i>

<h3>Best Deal</h3>

<p>
```

```html
        Lorem ipsum dolor, sit amet consectetur adipisicing elit.

        </p>

        </div>



        <divclass="services_card">

        <iclass="fa-solid fa-lock"></i>

        <h3>Secure Payment</h3>

        <p>

        Lorem ipsum dolor, sit amet consectetur adipisicing elit.

        </p>

        </div>



        </div>



        </div>




        <!--About-->


        <divclass="about">



        Lorem ipsum dolor, sit amet consectetur adipisicing elit.
```

```html
<div class="about_image">

<img src="image/about.png">

</div>

<div class="about_tag">

<h1>About Us</h1>

<p>

Lorem ipsum, dolor sit amet consectetur adipisicing elit. Beatae cumque
atque dolor corporis

architecto. Voluptate expedita molestias maxime officia natus
consectetur dolor quisquam illo?

Quis illum nostrum perspiciatis laboriosam perferendis? Lorem ipsum
dolor sit amet consectetur

adipisicing elit. Minus ad eius saepe architecto aperiam laboriosam
voluptas nobis voluptates

id amet eos repellat corrupti harum consectetur, dolorum dolore
blanditiis quam quo.

</p>

<a href="#" class="about_btn">Learn More</a>

</div>


</div>
```

```
</body>

</html>
```

CSS CODE

```css
*{
margin: 0;
padding: 0;
box-sizing: border-box;
font-family: sans-serif;
}

section{
width: 100%;
height: 100vh;
background-image: url(image/bg.png);
background-size: cover;
background-position: center;
}

sectionnav{
width: 100%;
display: flex;
align-items: center;
justify-content: space-around;
box-shadow: 0010px#089da1;
background: #fff;
position: fixed;
left: 0;
z-index: 100;
}

sectionnav.logoimg{
width: 100px;
cursor: pointer;
margin: 8px0;
}

sectionnavul{
list-style: none;
}

sectionnavli{
display: inline-block;
padding: 010px;
}
```

```css
sectionnavlia{
text-decoration: none;
color: #000;
}

sectionnavlia:hover{
color: #089da1;
}

sectionnav.social_iconi{
margin: 05px;
font-size: 18px;
}

sectionnav.social_iconi:hover{
color: #089da1;
cursor: pointer;
}

section.main{
display: flex;
align-items: center;
justify-content: space-around;
position: relative;
top: 10%;
}

section.mainh1{
position: relative;
font-size: 55px;
top: 80px;
left: 25px;
}

section.mainh1span{
color: #089da1;
}

section.mainp{
width: 650px;
text-align: justify;
line-height: 22px;
```

```css
position: relative;
top: 125px;
left: 25px;
}

section.main.main_tag.main_btn{
background: #089da1;
padding: 10px20px;
position: relative;
top: 200px;
left: 25px;
color: #fff;
text-decoration: none;
}

section.main.main_imgimg{
width: 780px;
position: relative;
top: 90px;
left: 20px;
}




/*services*/

.services{
width: 100%;
height: auto;
margin: 35px0;
}

.services.services_box{
width: 95%;
margin: 0auto;
display: flex;
align-items: center;
justify-content: space-around;
}

.services.services_box.services_card{
text-align: center;
```

```css
width: 310px;
height: auto;
box-shadow: 008px#089da1;
padding: 15px10px;
}

.services.services_box.services_cardi{
color: #089da1;
font-size: 45px;
margin-bottom: 15px;
cursor: pointer;
}

.services.services_box.services_cardh3{
margin-bottom: 10px;
}




/*about*/

.about{
width: 100%;
height: auto;
padding: 20px;
display: flex;
align-items: center;
justify-content: space-around;
}

.about.about_imageimg{
width: 800px;
}

.about.about_tagh1{
font-size: 50px;
position: relative;
bottom: 35px;
}

.about.about_tagp{
line-height: 22px;
```

```css
width: 650px;
text-align: justify;
margin-bottom: 15px;
}

.about.about_tag.about_btn{
padding: 10px20px;
background: #089da1;
color: #fff;
text-decoration: none;
position: relative;
top: 50px;
}
```

JAVASCRIPT CODE

```javascript
let text = document.getElementById('text');
let leaf = document.getElementById('leaf');
let hill1 = document.getElementById('hill1');
let hill4 = document.getElementById('hill4');
let hill5 = document.getElementById('hill5');

window.addEventListener('scroll', () => {
    let value = window.scrollY;

    text.style.marginTop = value * 2.5 + 'px';
    leaf.style.top = value * -1.5 + 'px';
    leaf.style.left = value * 1.5 + 'px';
    hill5.style.left = value * 1.5 + 'px';
    hill4.style.left = value * -1.5 + 'px';
    hill1.style.top = value * 1 + 'px';
});

// Validation Code For Inputs

var email = document.forms['form']['email'];
var password = document.forms['form']['password'];

var email_error = document.getElementById('email_error');
var pass_error = document.getElementById('pass_error');

email.addEventListener('textInput', email_Verify);
password.addEventListener('textInput', pass_Verify);

function validated() {
    if (email.value.length < 9) {
        email.style.border = "1px solid red";
        email_error.style.display = "block";
        email.focus();
        return false;
    }
    if (password.value.length < 6) {
        password.style.border = "1px solid red";
        pass_error.style.display = "block";
        password.focus();
        return false;
    }
}

function email_Verify() {
    if (email.value.length >= 8) {
        email.style.border = "1px solid silver";
```

```
            email_error.style.display = "none";
            return true;
        }
}

function pass_Verify() {
    if (password.value.length >= 5) {
        password.style.border = "1px solid silver";
        pass_error.style.display = "none";
        return true;
    }
}
```

LOGIN PAGE CODE
HTML CODE

```html
<!DOCTYPE html>

<html lang="en">

<head>
  <meta charset="UTF-8" />
  <meta http-equiv="X-UA-Compatible" content="IE=edge" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <title>LOGIN PAGE</title>
  <link rel="stylesheet" href="index.css" />
</head>

<body>
  <header>
    <ul>
      <li><a href="#seccc">SIGN-IN</a></li>
    </ul>
  </header>
  <section class="parallax">
    <img src="hill1.png" id="hill1" />
    <img src="hill2.png" id="hill2" />
    <img src="hill3.png" id="hill3" />
    <img src="hill4.png" id="hill4" />
    <img src="hil15.png" id="hill5" />
    <img src="tree.png" id="tree" />
    <h3 id="textt">WELCOME TO</h3>
    <h2 id="text">BOOKFLIX WEBSITE</h2>
    <img src="leaf.png" id="leaf" />
    <img src="plant.png" id="plant" />
  </section>

  <div id="seccc">
    <img src="003329.png" id="sec" />
  </div>
  <section id="secc">
    <div class="container">
      <h1 class="label">User Login</h1>
      <form class="login_form" action="main.html" method="post" name="form"
onsubmit="return validated()">
        <div class="font">Email or Phone</div>
        <input autocomplete="off" type="text" name="email" />
        <div id="email_error">Please fill up your Email or Phone</div>
        <div class="font font2">Password</div>
        <input type="password" name="password" />
        <div id="pass_error">Please fill up your Password</div>
        <button type="submit">Login</button>
```

```
        </form>
      </div>
    </section>

    <script src="index.js"></script>
</body>

</html>
```

CSS CODE

```css
* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: 'Poppins', sans-serif;
}

body {
    background: #f5f2f2;
    min-height: 100vh;
    overflow-x: hidden;
}

header {
    position: absolute;
    top: 0;
    left: 0;
    width: 100%;
    padding: 30px 100px;
    display: flex;
    justify-content: flex-start;
    align-items: center;
    z-index: 100;
}

ul li a{
    font-size: 2em;
    color: #359381;
    border: 1px solid rgb(51, 238, 9);


    border-radius: 50px;
    padding: 6px 15px;

    margin: 0 10px;
    font-weight: 600;
    text-decoration: none;
}
```

```css
}
header ul li a:hover{
    color: #7e0ed3;
}


.parallax {
    position: relative;
    display: flex;
    justify-content: center;
    align-items:center;
    height: 100vh;


}

#textt {
    position: absolute;
    margin-bottom: 150px;
    font-size: 5em;
    color: #121111;
    text-shadow: 10px 10px 2px rgba(22, 77, 4, 0.5);
}
#text {
    position: absolute;
    font-size: 5em;
    color: #fff;
    text-shadow: 10px 10px 2px rgba(0, 0, 0, .5);
}
.parallax img {
    position: absolute;
    top: 0;
left: 0;


width: 100vw;
pointer-events: none;

}
#sec{
    position: relative;
    margin-top: 110px;
    height: 1500px;
    width: 100vw;
    z-index: 10;
}
#secc{
    align-items: center;
```
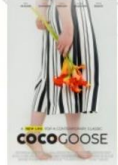
```css
        justify-content: center;
        display: flex;
        font-family: sans-serif;

}
.container{
        position:absolute;
        top: 120%;
        right: auto;
        z-index: 12;
        width: 450px;
        height: 100px;
        background: #32fda2;
        border-radius: 50px;
        border: 1px solid rgb(238, 9, 9);
}
.label{
        padding: 20px 130px;
        font-size: 35px;
        font-weight: bold;
        color: #3251fd;
}
.login_form{
        padding: 20px 40px;
}
.login_form .font{
        font-size: 18px;
        color: #32fda2;
        margin: 5px 0;
}
.login_form input{
        height: 40px;
        width: 350px;
        padding: 0 5px;
        font-size: 18px;
        outline: none;
        border: 1px solid rgb(238, 9, 9);
}
.login_form .font2{
        margin-top: 30px;
}
.login_form button{
        margin: 45px 0 30px 0;
        height: 45px;
        width: 350px;
        font-size: 20px;
        color: rgb(32, 14, 170);
        outline: none;
```

```css
    cursor: pointer;
    font-weight: bold;
    background: #d4d4d7;
    border-radius: 3px;
    border: 1px solid #32fda2;
    transition: .5s;
}
.login_form button:hover{
    background: #32fda2;
}
.login_form #email_error,
.login_form #pass_error{
    margin-top: 5px;
    width: 345px;
    font-size: 18px;
    color: #d86363;
    background: rgba(255,0,0,0.1);
    text-align: center;
    padding: 5px 8px;
    border-radius: 3px;
    border: 1px solid #EF9A9A;
    display: none;
}
#hill1{
    position: fixed;
    height: 100vh;
}
```

WEBSITE SCREENSHOTS

Home   About   Featured   Arrivals   Reviews   Blog   SIGN-OUT   🔍

Featured Books
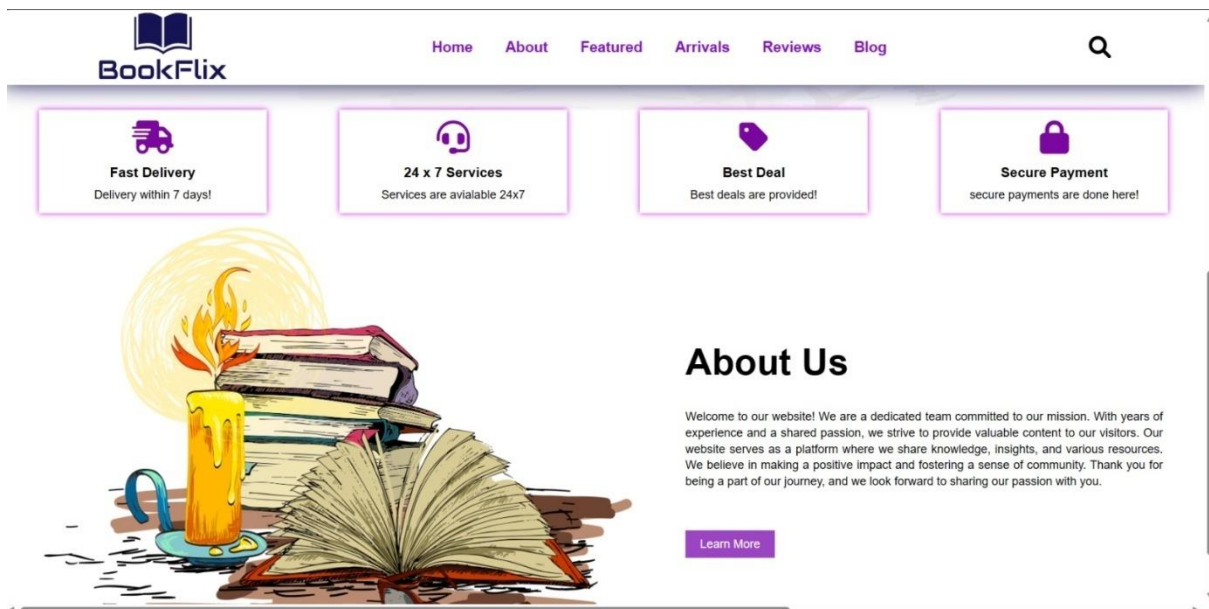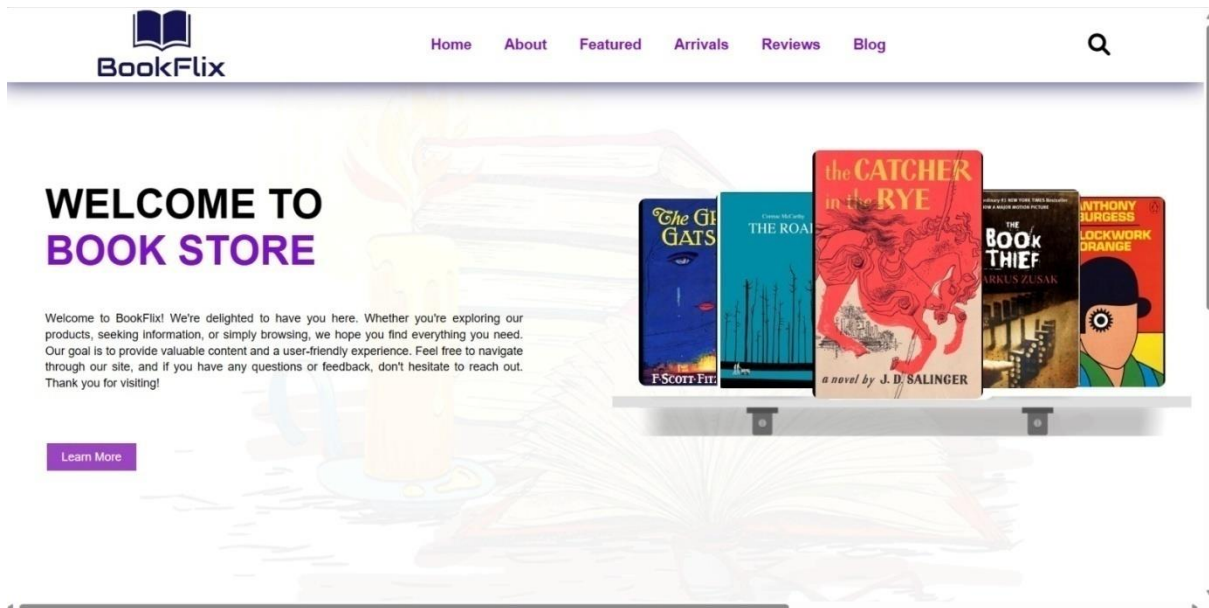
Featured Books	**Featured Books**	**Featured Books**	**Featured Books**	**Featured Books**	**Feat**
John Deo	John Deo	John Deo	John Deo	John Deo	
Thriller, Horror, Romance	Thriller, Horror, Romance	Thriller, Horror, Romance	Thriller, Horror, Romance	Thriller, Horror, Romance	Thriller,
$25.50 $28.60	$25.50 $28.60	$25.50 $28.60	$25.50 $28.60	$25.50 $28.60	$
Learn More	Learn More	Learn More	Learn More	Learn More	

New Arrivals
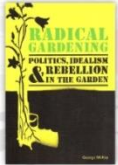
New Arrivals	New Arrivals	New Arrivals	New Arrivals	New Arrivals
★★★★☆	★★★★☆	★★★★☆	★★★★☆	★★★★☆
Learn More	Learn More	Learn More	Learn More	Learn More

New Arrivals	New Arrivals	New Arrivals	New Arrivals	New Arrivals

Reviews

John Deo
Lorem ipsum dolor sit amet, consectetur adipisicing elit. Natus eos doloribus iure distinctio! Eos dolorem quam, nisi amet saepe totam, quas quidem laboriosam dolore, tenetur itaque nostrum voluptas excepturi aut.
★★★★☆

John Deo
Lorem ipsum dolor sit amet, consectetur adipisicing elit. Natus eos doloribus iure distinctio! Eos dolorem quam, nisi amet saepe totam, quas quidem laboriosam dolore, tenetur itaque nostrum voluptas excepturi aut.
★★★★☆

John Deo
Lorem ipsum dolor sit amet, consectetur adipisicing elit. Natus eos doloribus iure distinctio! Eos dolorem quam, nisi amet saepe totam, quas quidem laboriosam dolore, tenetur itaque nostrum voluptas excepturi aut.
★★★★☆

John Deo
Lorem ipsum dolor sit amet, consectetur adipisicing elit. Natus eos doloribus iure distinctio! Eos dolorem quam, nisi amet saepe totam, quas quidem laboriosam dolore, tenetur itaque nostrum voluptas excepturi aut.
★★★★☆

Our Blog

Bloger

Lorem ipsum dolor sit amet consectetur adipisicing elit. Ipsam, quos quis quasi ut impedit reiciendis voluptatem rem esse ratione omnis, laudantium earum. Aperiam nesciunt dolore aliquam repellat consequatur amet ducimus.

Bloger

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CONCLUSION

To summarize, the development of the online bookstore website has been a rewarding and educational journey. The initiative met its primary goals, which were to provide customers with a convenient and personalized platform for purchasing and exploring a large range of books. This project has not only provided us with actual experience in web development, but it has also strengthened our problem-solving, time management, and project management skills.

While the online bookstore is functional and user-friendly, there is still plenty of space for growth in the future. Plans to increase the book inventory, improve the recommendation engine, and enhance the user experience are already in work.
It has provided a solid foundation for our future technological and programming projects and aspirations.