

MyShelf – ASP.NET MVC Application

Изработено од: Маја Вуевска

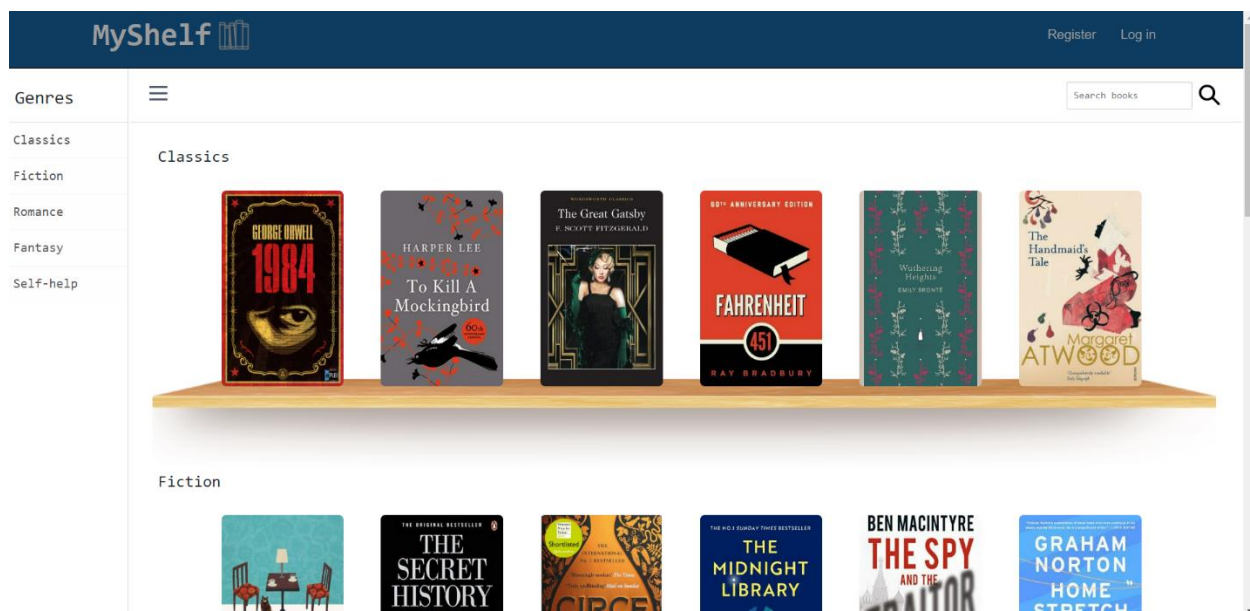
Датум: 15.09.2022

MyShelf претставува дигитална полица за книги, каде секој љубител на книги може да пребарува низ изборот на книги според нивниот жанр, да прочита детали за секоја книга како: производител, број на страници, датум на издавање, оцена и слично, како и да додава книги во својата корпа за купување производи.

Оваа апликација освен што претставува виртуелен простор за преглед на книги, таа исто така е и продавница за online купување.

Книгите во основниот поглед на апликацијата се поделени според нивниот жанр, и при секое креирање на нова книга истите се делат според жанрот. Освен книги, корисници со улога „Администратор“ имаат и поглед кон листи со Автори и Жанрови кои ги има во апликацијата. Понатамошните функционалности ќе бидат објаснати подолу.

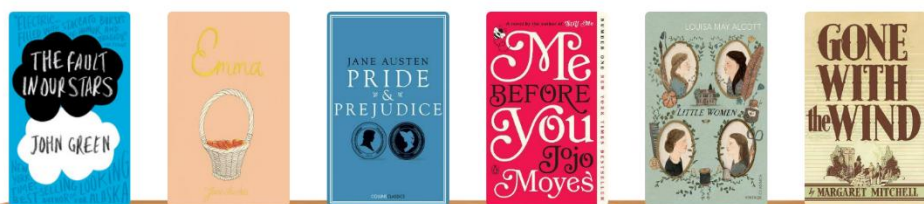
1. Основен изглед на апликацијата



Со скролање надолу се гледаат и останатите книги, прикажани подолу:



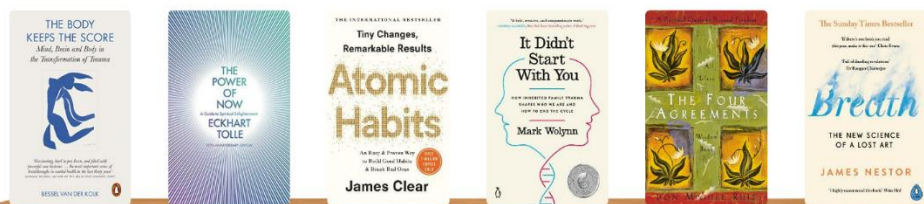
Romance



Fantasy



Self-help



2. Типови корисници

I. Ненајавен корисник

Ненајавениот корисник нема пристап до корпа за купување производи. Може само да ја гледа основната страна каде се прикажани производите (книгите) и да гледа дополнителни податоци за нив. Доколку сака да нарача некоја книга мора да се најави или регистрира како нов корисник. Има пристап и до функционалноста за пребарување низ книгите, која го носи кон нов поглед. До оваа функционалност имаат пристап сите корисници на апликацијата без разлика која улога ја имаат.

Пребарување книги според наслов:

The screenshot displays the MyShelf application interface. At the top, a dark blue header contains the MyShelf logo and links for Register and Log in. Below the header, a search bar is visible. The main content area shows search results for the query 'the'. A table lists 16 entries, with the first few titles visible: 'Before the Coffee Gets Cold', 'Breath : The New Science of a Lost Art', 'Gone with the Wind', 'The Alchemist', 'The Body Keeps the Score', 'The Fault In Our Stars', 'The Four Agreements', 'The Great Gatsby', and 'The Handmaid's Tale'. The table indicates 'Showing 1 to 16 of 16 entries'. Below the table, a message states 'Sorry! We don't have that title.' accompanied by a magnifying glass icon. The footer contains copyright information: '© 2022 - Maja Vueska, Internet Technologies' and social media icons for Facebook, Instagram, and Twitter.

MyShelf

Register Log in

←

Search Results for 'the':

Title
Before the Coffee Gets Cold
Breath : The New Science of a Lost Art
Gone with the Wind
The Alchemist
The Body Keeps the Score
The Fault In Our Stars
The Four Agreements
The Great Gatsby
The Handmaid's Tale

Showing 1 to 16 of 16 entries

MyShelf

Register Log in

←


Sorry! We don't have that title.

🔍


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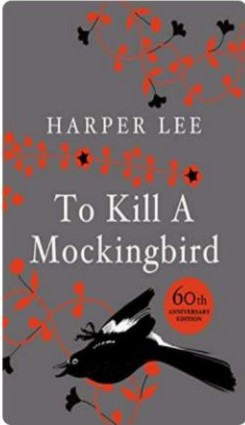
f @

Детали на книга:

MyShelf 

standarduser@test.com Log off

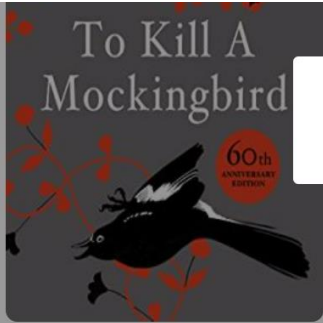




To Kill A Mockingbird
Author: Harper Lee
Genre: Classics
Publisher: Cornerstone
Publication Date: 29.06.2011
Length: 320
ISBN-13: 9780434020485
★★★★★
Description
'Shoot all the Bluejays you want, if you can hit 'em, but remember it's a sin to kill a Mockingbird.' Lawyer Atticus Finch gives this advice to his children as he defends the real mockingbird of Harper Lee's classic novel - a black man charged with the rape of a white girl. Through the young eyes of Scout and Jem Finch, Harper Lee explores with exuberant humour the irrationality of adult attitudes to race and class in the Deep South of the 1930s. The conscience of a town steeped in prejudice, violence and hypocrisy is pricked by the stamina of one man's struggle for justice. But the weight of history will only tolerate so much...

\$16.19 Add to Cart

Ставање во корпа кај ненајавен корисник:



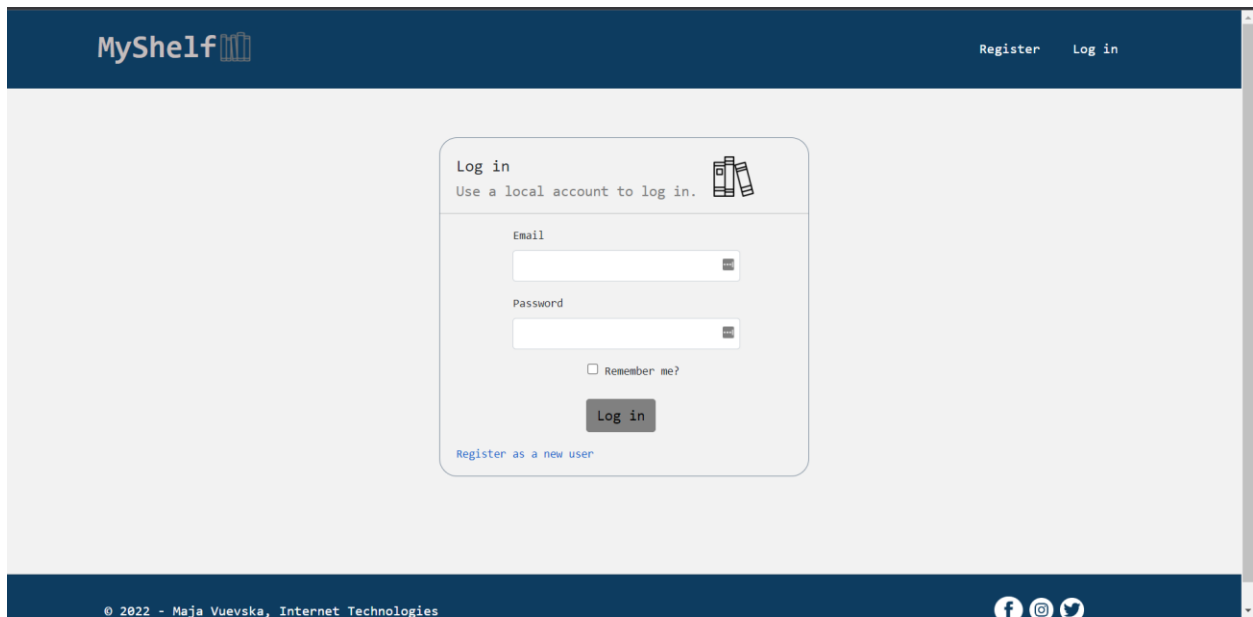
★★★★★

Please log in or sign up
OK

\$16.19 Add to Cart

ant, if you can hit 'em, but remember it's a sin to kill a Mockingbird.' Lawyer Atticus Finch gives this advice to his children as he defends the real mockingbird of Harper Lee's classic novel - a black man charged with the rape of a white girl. Through the young eyes of Scout and Jem Finch, Harper Lee explores with exuberant humour the irrationality of adult attitudes to race and class in the Deep South of the 1930s. The conscience of a town steeped in prejudice, violence and hypocrisy is pricked by the stamina of one man's struggle for justice. But the weight of history will only tolerate so much...

Најавување:



The image shows the login page of the MyShelf application. The header is dark blue with the MyShelf logo on the left and 'Register' and 'Log in' links on the right. The main content area is light gray and contains a white rounded rectangle for the login form. The form is titled 'Log in' with a subtitle 'Use a local account to log in.' and an icon of two books. It includes input fields for 'Email' and 'Password', a 'Remember me?' checkbox, and a 'Log in' button. A link 'Register as a new user' is at the bottom of the form. The footer is dark blue with the copyright text '© 2022 - Maja Vuevska, Internet Technologies' and social media icons for Facebook, Instagram, and Twitter.

MyShelf

Register Log in

Log in
Use a local account to log in.

Email

Password

☐ Remember me?

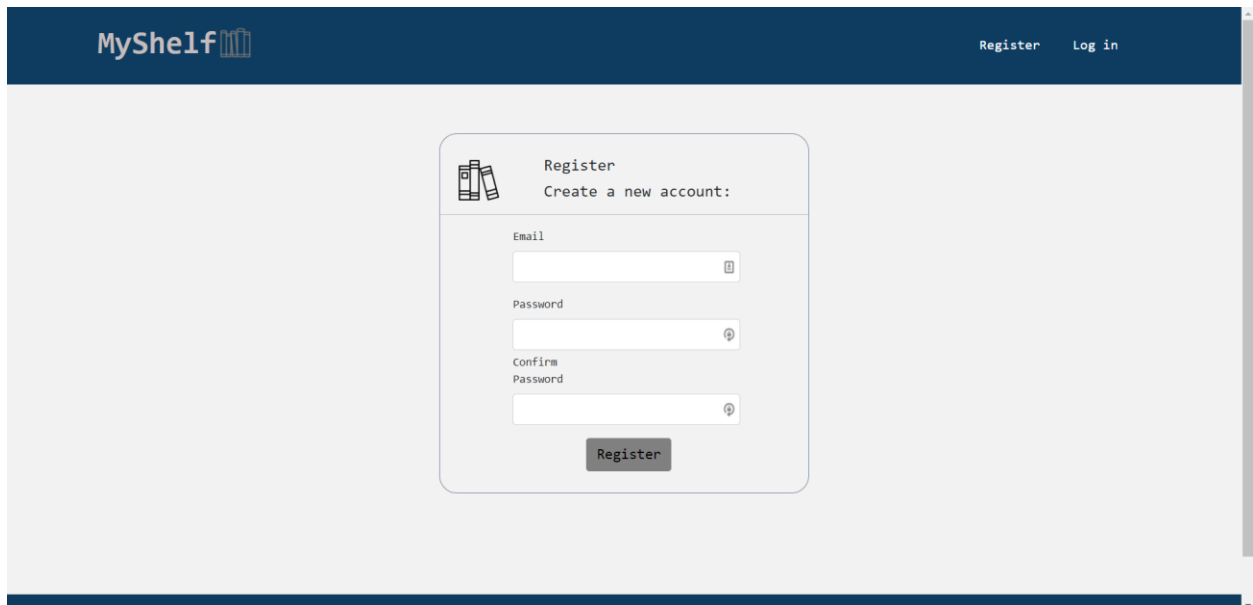
Log in

[Register as a new user](#)

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f @ t

Регистрирање како нов корисник:



The image shows the registration page of the MyShelf application. The header is dark blue with the MyShelf logo on the left and 'Register' and 'Log in' links on the right. The main content area is light gray and contains a white rounded rectangle for the registration form. The form is titled 'Register' with a subtitle 'Create a new account:' and an icon of two books. It includes input fields for 'Email', 'Password', and 'Confirm Password', each with a strength indicator icon. A 'Register' button is at the bottom of the form. The footer is dark blue with the copyright text '© 2022 - Maja Vuevska, Internet Technologies' and social media icons for Facebook, Instagram, and Twitter.

MyShelf

Register Log in

Register
Create a new account:

Email

Password

Confirm Password

Register

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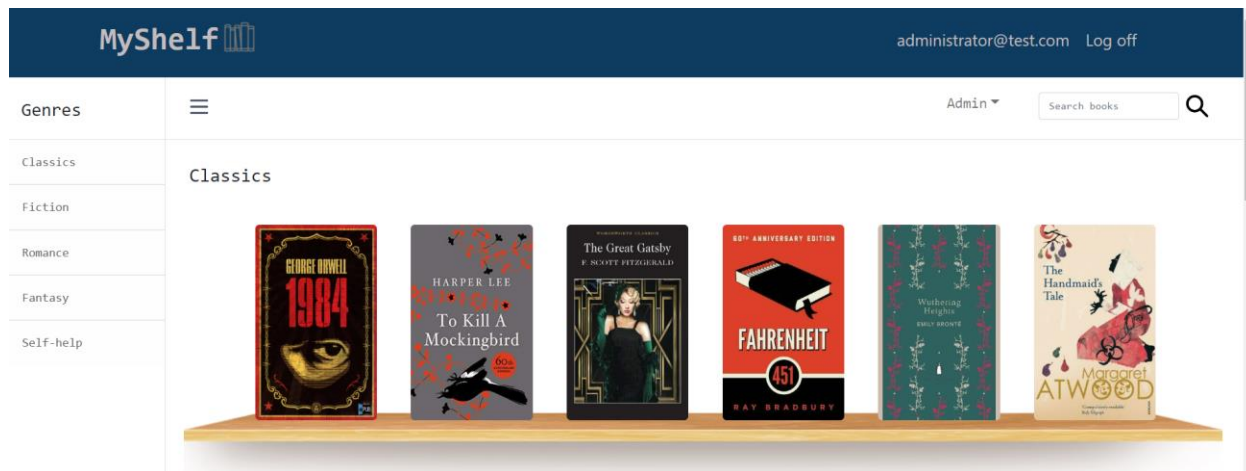
f @ t

II. Администратор

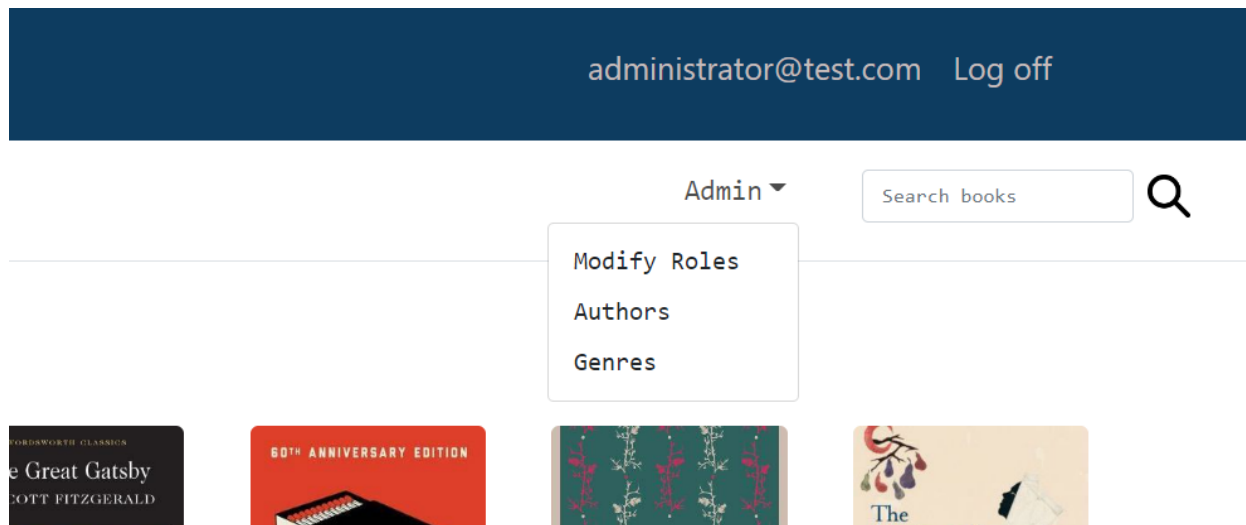
Има пристап до листите на автори и жанрови, покрај основната листа со книги. Секоја книга, автор и жанр може да го менува или избрише, како и да создаде нов автор и/или жанр.

Корисник со улога Администратор исто така може да додедува улоги на сите најавени корисници.

Поглед на страната на корисник со улога Администратор:



Навигација на листите на автори, жанрови и додавање нова улога на корисник:



Додавање улога на корисник:

MyShelf 

administrator@test.com Log off



Choose a role for this user:


Email

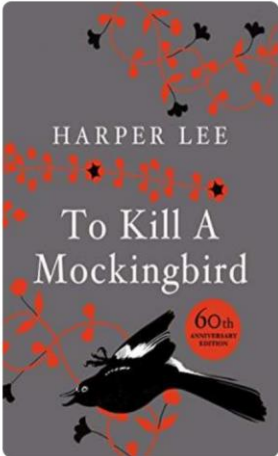
Role

Administrator

Save

Поглед на детали на секоја книга (дополнително со копче за бришење на соодветната книга):





Delete Book

To Kill A Mockingbird

Author: Harper Lee
Genre: Classics
Publisher: Cornerstone
Publication Date: 29.06.2011
Length: 320
ISBN-13: 9780434020485
Rating: 4.27

Description

'Shoot all the Bluejays you want, if you can hit 'em, but remember it's a sin to kill a Mockingbird.' Lawyer Atticus Finch gives this advice to his children as he defends the real mockingbird of Harper Lee's classic novel - a black man charged with the rape of a white girl. Through the young eyes of Scout and Jem Finch, Harper Lee explores with exuberant humour the irrationality of adult attitudes to race and class in the Deep South of the 1930s. The conscience of a town steeped in prejudice, violence and hypocrisy is pricked by the stamina of one man's struggle for justice. But the weight of history will only tolerate so much...

Листа на автори:

MyShelf

administrator@test.com Log off

←

Authors

Create New

Search:

Name		
Ben MacIntyre	Edit	Delete
Bessel Van Der Kolk	Edit	Delete
Bill Bryson	Edit	Delete
Don Miguel Ruiz	Edit	Delete
Donna Tartt	Edit	Delete
Douglas Adams	Edit	Delete
Eckhart Tolle	Edit	Delete

Креирање на нов Автор:

MyShelf

administrator@test.com Log off

←

Create a New Author

Name

Create


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t

Менување на постоечки Автор:

MyShelf 

administrator@test.com Log off






Edit Author

Name


Bessel Van Der Kolk

Save


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Пребарување низ листата:

MyShelf 

administrator@test.com Log off



Authors

Create New

Search:

Name		
Stephen King	<div>EditDelete</div>	
Stephenie Meyer	<div>EditDelete</div>	

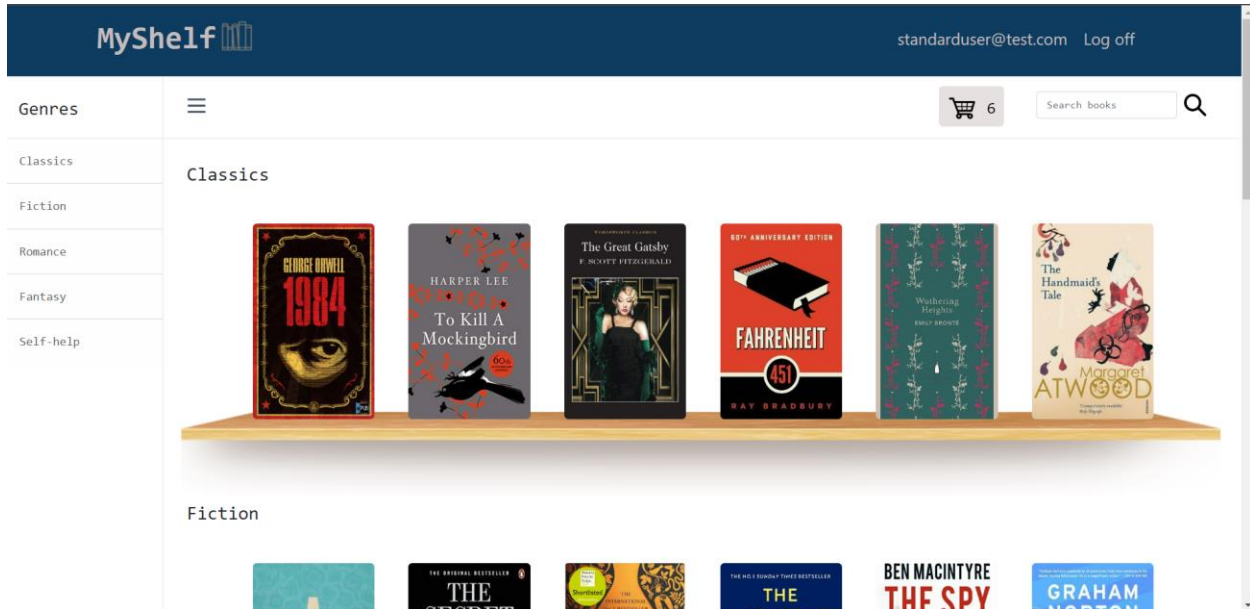
Showing 1 to 2 of 2 entries (filtered from 35 total entries)

Истите функционалности ги има и за листата на жанрови.

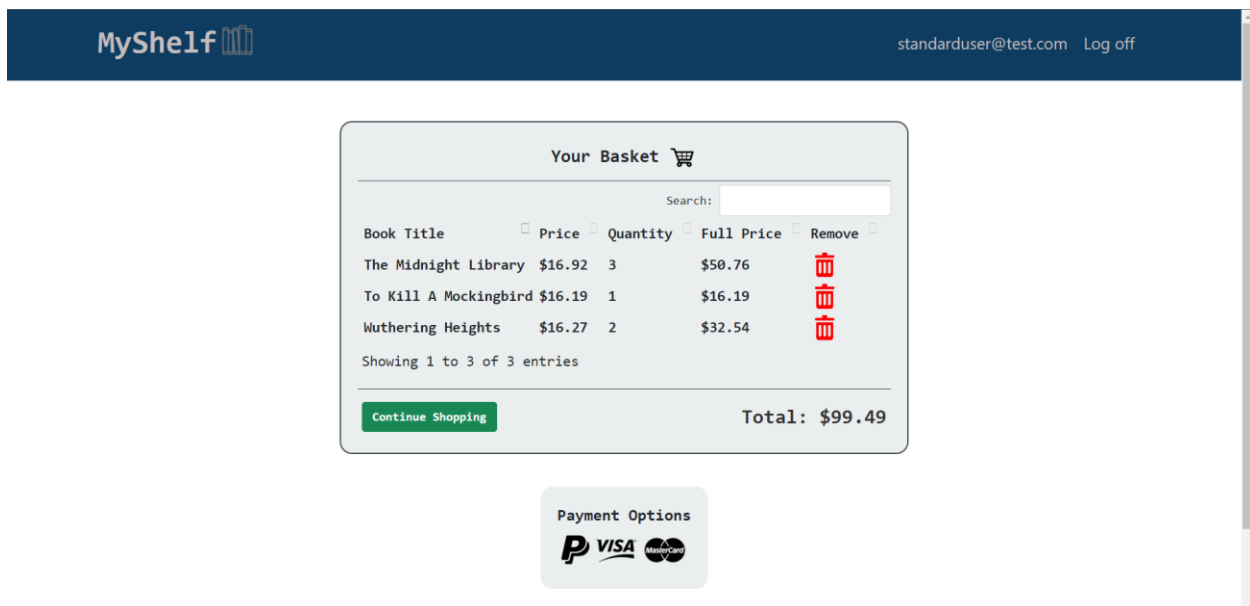
III. Стандарден корисник

Има празна корпа за купување при самото регистрирање какон нов корисник. Има можност да пребарува низ листата на книги, како и да додава од книгите во својата корпа.

Основен изглед на страната (има дополнително кошничка во навигацијата):



Основен изглед на кошничката за пазарење:



3. Модели

I. Модел за книга

```
public class Book
{
    10 references
    public int BookId { get; set; }

    [Required]
    1 reference
    public string Title { get; set; }

    3 references
    public int AuthorId { get; set; }

    [Required]
    1 reference
    public virtual Author Author { get; set; }

    8 references
    public int GenreId { get; set; }

    [Required]
    1 reference
    public virtual Genre Genre { get; set; }

    [Required, Display(Name = "Cover")]
    5 references
    public string CoverUrl { get; set; }

    [Required, Display(Name = "Number of pages")]
    0 references
    public int NumPages { get; set; }

    [Required, DataType(DataType.Date), Display(Name = "Publication Date")]
    0 references
    public string PublicationDate { get; set; }

    [Required]
    0 references
    public string Publisher { get; set; }

    [Required, Display(Name = "ISBN")]
    0 references
    public string ISBN13 { get; set; }

    [Required, Display(Name = "Average Rating")]
    0 references
    public decimal AverageRating { get; set; }

    [Required]
    0 references
    public string Description { get; set; }

    [Required]
    0 references
    public decimal Price { get; set; }
}
```

II. Модел за автор

```
16 references
public class Author
{
    3 references
    public int AuthorId { get; set; }
    0 references
    public string Name { get; set; }
}
```

III. Модел за жанр

```
7 references
public class Genre
{
    0 references
    public int GenreId { get; set; }

    0 references
    public string Name { get; set; }

    [JsonIgnore]
    0 references
    public virtual List<Book> Books { get; set; }
}
```

IV. Модел за улога

```
8 references
public class RoleName
{
    public const string Administrator = "Administrator";

    public const string StdUser = "Standard User";
}
```

V. Модел за корпа за купување

```
7 references
public class ShoppingCart
{
    [Key]
    1 reference
    public int ShoppingCartId { get; set; }

    4 references
    public virtual ICollection<ViewModels.BookItemViewModel> BookItems { get; set; }

    // Foreign Key
    4 references
    public string UserId { get; set; }
}
```
