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Home project „BookHub“

Home project for "Web Applications with C#"

Sisukord

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Author's declaration of originality

I hereby certify that I am the sole author of this thesis. All the used materials, references to the literature and the work of others have been referred to. This thesis has not been presented for examination anywhere else.

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1 Introduction

Currently, a substantial segment of online bookstores primarily focuses on facilitating book sales, often leaving customers to navigate their choices solely based on reviews or explore related forums for information. The idea behind this project is to develop a commercially oriented online bookshop that not only streamlines the process of purchasing books in both physical and electronic formats but also cultivates a space for dynamic discussions about the content. This initiative encompasses two integral components: the online bookstore named "BookHub", and the associated discussion forum titled "BookHub Forums."

"BookHub Forums" provides users with a diverse range of interactive features, including:

1. Joining interest groups tailored to specific themes such as authors, individual books, or user communities.
2. Empowering users to initiate and contribute to discussions by creating topics within these communities and commenting on threads initiated by fellow users.
3. Offering a curated news feed to keep users informed about the latest developments, releases, and discussions within their chosen interest groups.

On the other hand, "BookHub" serves as a comprehensive online bookstore, offering users the following capabilities:

1. A robust search functionality that allows users to find books effortlessly by title or author, enhancing the overall user experience.
2. The flexibility to acquire both physical copies and electronic versions of books, catering to the diverse preferences of readers.
3. Providing users with the ability to share their opinions and experiences by rating books, leaving comments, and tracking their progress as they delve into the literary world.
4. "BookHub" offers a convenient feature for users, allowing them to easily check the current availability of books in our warehouses.

Additionally, the seamless integration between "BookHub" and "BookHub Forums" ensures a cohesive user experience. Users will have the convenience of navigating directly from the product page on "BookHub" to the corresponding discussion forum on "BookHub Forums". This feature aims to enhance user engagement by providing a direct pathway for readers to delve into discussions, share their thoughts, and connect with fellow enthusiasts immediately after exploring or purchasing a book. By facilitating this smooth transition, the project aims to foster a vibrant literary community, where the exchange of ideas and opinions seamlessly complements the act of discovering and acquiring books.

2 Design

2.1 Account creation and login form

Figure 1 shows main screen, figure 2 shows registration, figure 3 shows authorisation.

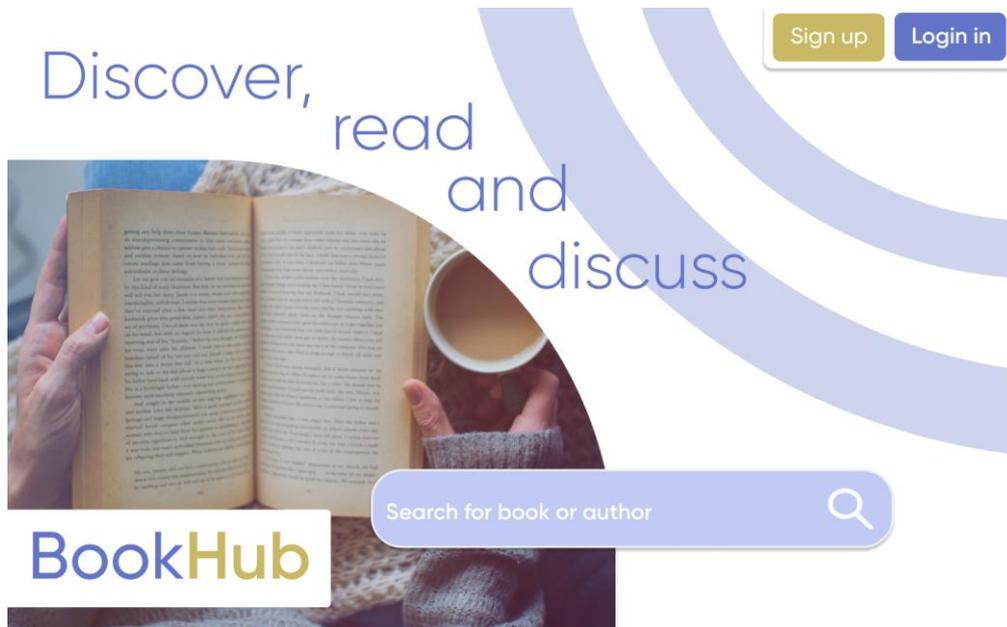


Figure 1. Main page

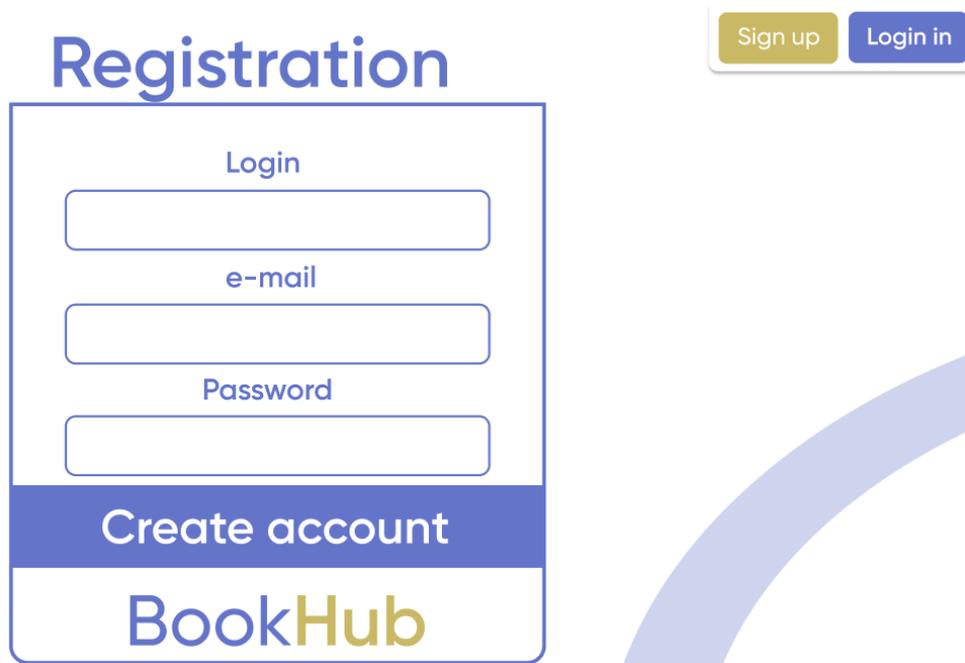


Figure 2. Registration

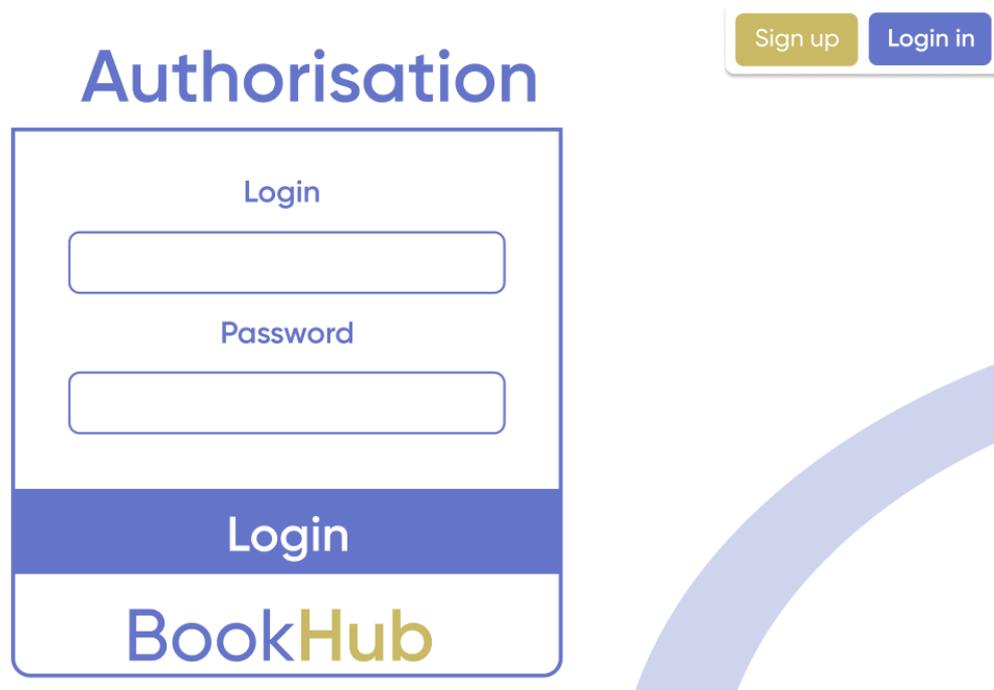


Figure 3. Authorisation

2.2 BookHub

Figure 4 shows bookstore page where book can be purchased. Figure 5 shows Figure 4 but book is bought. Figure 6 shows book list in search. Figure 7 shows book progress.

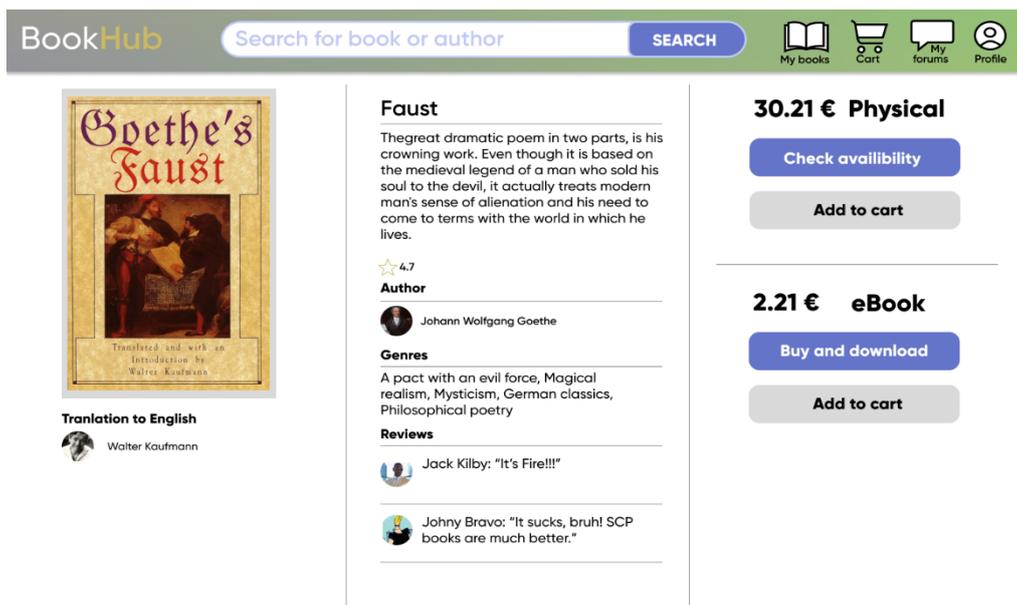
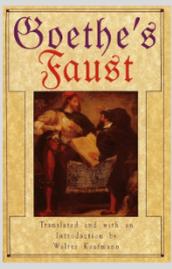


Figure 4. Book store

BookHub Search for book or author SEARCH My books Cart My forums Profile



Goethe's Faust
Translated and with an Introduction by Walter Kaufmann

Translation to English
Walter Kaufmann

Read

Mark as complete

Faust
The great dramatic poem in two parts, is his crowning work. Even though it is based on the medieval legend of a man who sold his soul to the devil, it actually treats modern man's sense of alienation and his need to come to terms with the world in which he lives.

★ 4.7

Author
Johann Wolfgang Goethe

Genres
A pact with an evil force, Magical realism, Mysticism, German classics, Philosophical poetry

Reviews
Jack Kilby: "It's Fire!!!"
Johny Bravo: "It sucks, bruh! SCP books are much better."

30.21 € Physical

Check availability

Add to cart

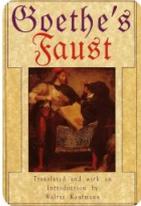
Forums

Find by Author Book

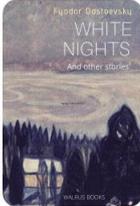
Start a topic by Author Book

Figure 5. Book page

BookHub Search for book or author SEARCH My books Cart My forums Profile



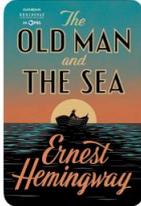
★ 4.7 **Faust**
Johann Wolfgang Goethe



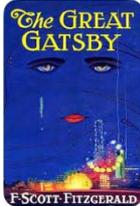
★ 1.1 **White Nights**
Fyodor Mikhailovich Dostoevsky



★ 4.9 **Moby Dick**
Herman Melville



★ 4.2 **The Old Man and the Sea**
Ernest Hemingway



★ 3.9 **The Great Gatsby**
Francis Scott Key Fitzgerald



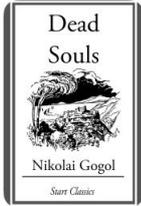
★ 4.1 **The Catcher in the Rye**
Jerome David Salinger



★ 3.7 **Power**
Robert Greene



★ 5.0 **The Master and Margarita**
Mikhail Afanasievich Bulgakov



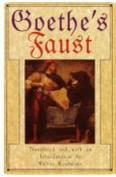
★ 4.8 **Dead Souls**
Nikolai Vasilievich Gogol



★ 4.7 **1984**
Eric Arthur Blair/George Orwell

Figure 6. Book search

In Progress

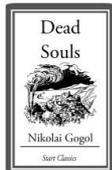


Faust
Johann Wolfgang Goethe

Completed



The Catcher in the Rye
Jerome David Salinger



Dead Souls
Nikolai Vasilievich Gogol



Moby Dick
Herman Melville

Figure 7. Book list

2.3 BookHub forums

Figure 8 shows BookHub forums feed. Figure 9 shows community page. Figure 10 shows authors list page.

BookHub FORUMS

Authors

Popular

"1984 is overrated! When I read it, I was dying. How can you be so optimistic about this piece of scrap? 🤔🤔🤔"

This book, "The Tragedy of Wisdom," is an absolute disaster, just like the author's memory, apparently. It's like watching a slow-motion train wreck – painful, yet you can't look away. I haven't seen this much senility packed into a book since I tried to read Shakespeare with my dentures out. When I was in Sweden....

Just have read a new book fantastic. Blood, Sweat, an literature have hit rock bot The title itself sounds like ti rather than a compelling re

Communities

- r/TimeForBiography
- r/MangaSIMPS
- r/novelsFR

Your last topics

- AndresK/Razor Pages literature for newbies
- SuperDuperReader/I found very ancient book
- MuskX/Why you should read my biography
- JEFFBEZ/Why you should read my biography instead
- BestPhysicTeacher/My physics literature tier list
- GPTthoughts/The best books for AI developers
- designers/Books for bad designers

Communities you may like

- r/JKRowlingHaters
- r/HorrorGeeks

Figure 8. Main Forum page

BookHub FORUMS Search for book or author topics SEARCH My books Cart My forums Profile

Home > Authors > a/Mikhail Bulgakov



Start a topic Join

u/beeKeeper19
Master and Margaritha is masterpiece!!! Or not 🍷

u/superSayan
Is it true that his favourite writer was Gogol?

u/Genius2009
Why Bulgakov hate mushrooms, explanation

u/DeepThoughts_BANZAI
Bible references

Biography
Mikhail Bulgakov was a Soviet playwright, novelist, and short-story writer best known for his humour and penetrating satire. Also known for Master and Margaritha.

Figure 9. Community page

BookHub FORUMS Search for book or author topics SEARCH My books Cart My forums Profile

Home > Authors

<p>A</p> <ol style="list-style-type: none"> Jane Austen Maya Angelou Louisa May Alcott <p>B</p> <ol style="list-style-type: none"> Ray Bradbury Charlotte Brontë J.M. Barrie <p>C</p> <ol style="list-style-type: none"> Agatha Christie Lewis Carroll J.M. Coetzee <p>D</p> <ol style="list-style-type: none"> Fyodor Dostoevsky Roald Dahl Emily Dickinson <p>E</p> <ol style="list-style-type: none"> George Eliot T.S. Eliot Ralph Waldo Emerson 	<p>F</p> <ol style="list-style-type: none"> F. Scott Fitzgerald William Faulkner Ian Fleming <p>G</p> <ol style="list-style-type: none"> Gabriel Garcia Marquez Elizabeth Gaskell Kahlil Gibran <p>H</p> <ol style="list-style-type: none"> Ernest Hemingway Hermann Hesse Thomas Hardy <p>I</p> <ol style="list-style-type: none"> Kazuo Ishiguro Washington Irving John Irving <p>J</p> <ol style="list-style-type: none"> James Joyce Jack London P.D. James 	<p>K</p> <ol style="list-style-type: none"> Franz Kafka Jamaica Kincaid Rudyard Kipling <p>L</p> <ol style="list-style-type: none"> Harper Lee C.S. Lewis Gabriel Garcia Lorca <p>M</p> <ol style="list-style-type: none"> Gabriel Garcia Marquez Herman Melville A.A. Milne <p>N</p> <ol style="list-style-type: none"> Vladimir Nabokov Audrey Niffenegger Pablo Neruda <p>O</p> <ol style="list-style-type: none"> George Orwell Flannery O'Connor Ogden Nash 	<p>O</p> <ol style="list-style-type: none"> George Orwell Flannery O'Connor Ogden Nash <p>P</p> <ol style="list-style-type: none"> Jodi Picoult Edgar Allan Poe Sylvia Plath <p>Q</p> <ol style="list-style-type: none"> Anna Quindlen Arthur Quiller-Couch <p>R</p> <ol style="list-style-type: none"> J.K. Rowling J.D. Salinger Sir Walter Scott <p>S</p> <ol style="list-style-type: none"> William Shakespeare Dr. Seuss Mary Shelley
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Figure 10. Authors page

3 ERD schema

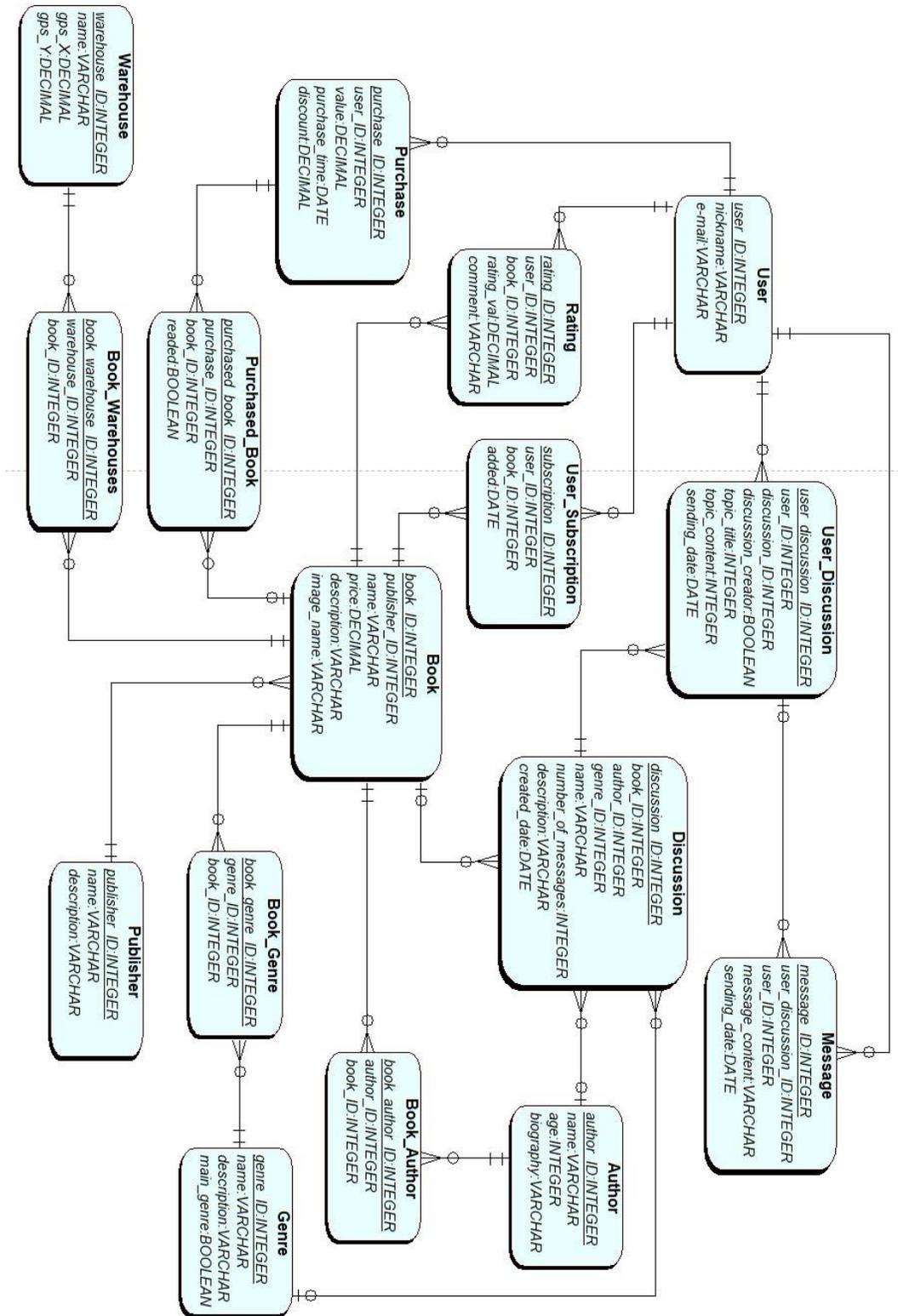


Figure 11. ERD schema