

The Book Club

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Description

This project will be a book collection library that will allow users to create their very own book library. Users can also add friends to their friends list and view their books to compare! They will also be able to utilize search functionality by searching for a particular author, book title, or genre.



Features

- User Sign-Up
- User Login
- User Logout
- Add Books
- Delete Books
- Edit Books
- Search

Add Friends

Remove Friends

View Other User's Library

View Personal Library



Planning - User Stories

As a user I want to be able to add friends based off of my book preferences.

As a user I want to be able to view other user's book collections and add to my own collection.

As a developer I want the users to be able to search the view all page so they can find what books, authors, and genres have been added.



Planning - Database

It was important that we established a relationship between books and users, and users and other users, as well as the relationship between those users and those users libraries in the instance that they were logged out. Due to using Microsoft Authentication we also had to implement identity users and add attributes to the build in database.



Technology Stack

- C#
- .NET
- Visual Studio
- SQL Workbench
- Html
- Css



Demo



What I Learned

- How to extend and implement Microsoft Authentication features and adding custom fields for personal use.
- How to use sessioning and identity to create a relationship with users and their corresponding tables.
- How to create a network of users, each with independent tables, and how to attach and detach a users identity from an item.



What's Next

- The ability to add books from other lists
- Creating a wish list for books
- Adding JavaScript to spruce up the page
- Using remote hosting
- Making actual profile pages

