BearPaw Pages

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Description

Currently, it is an app to track your reading progress by collecting user input on title, author, page numbers, and notes.

Current Features

- Able to create, update, read, and delete entire book objects
- Able to update your bookmark

Planning - User Stories

As a user, I want to be able to create an account to track my own unique book list

As a user, I want to be able to add my books

As a user, I want to be able to update my reading progress (bookmark)

As a user, I want to be able to delete books after finished reading

Planning - Database

Currently, I am only using a local server, but I plan on creating a persistent database this week.

I plan on adding users who can read alone, or add other users in their account, such as their children. This would lead to creating a many-to-one relationship between book and child.

I also want to add tags that can be added to a book object. This would create a many-to-many relationship.

Technology Stack

- An MVC web application built in C#
- ASP.NET Core and Entity Framework
- mySQL (to be connected soon)

Demo

What I Learned

- Entity Framework
- MVC design and relational data
- When to step back and build from scratch → I redesigned my edit method. It is currently small and simple, but it is mighty nonetheless. This was much more concise than it was in the first build.

What's Next

- Tags - created by user, and attached to book objects PRN
- Children readers - current plan is to be able to add them (like a tag), eventually create a table for each child. After that, create authentication and be able to create a parent account with different child users who will have different roles and access.
- Go through the Java book