

BOOKSTORE WITH RECOMMENDATION

This project is a web-based bookstore application that allows users to browse, search for, and purchase books. It features a recommendation system that suggests books based on the user's browsing and purchase history, as well as ratings and reviews, books can also be recommended based on a form that the user fills out.

Features

- User Registration and Authentication: Users can sign up, log in, and manage their profiles.
- Book Catalog: Users can browse and search the catalog by various criteria (title, author, genre, etc.).
- Book Details: Detailed information about books, including descriptions, ratings, and reviews.
- Shopping Cart: Users can add books to their shopping cart and proceed to checkout.
- Recommendations: The system recommends books based on the user's preferences and previous interactions with the application, also based on a form.
- Admin Panel: Admin users can add, edit, or remove books, manage orders, and view user activities.

Technology Stack

- Spring Boot: For creating the web application and handling backend logic.
- Spring Data JPA: For database operations, making it easier to work with relational data.
- Thymeleaf: As the template engine for rendering views.
- MySQL: For the database to store book and user information.
- Spring Security: For authentication and authorization.
- Maven: For project management and build tool.

Frontend

Backend

Bibliography