ONLINE BOOKSTORE WEB APPLICATION

Project Overview

A full-stack web application developed as an analogue of the Yakaboo online bookstore. The platform allows users to browse, search, and purchase a wide range of books, including physical books, e-books, and audiobooks. It features a user-friendly interface with advanced search and filtering options, and detailed product pages for each book.

Users can create accounts, manage their profiles, view order history, and maintain wishlists. The application includes a simple checkout process. For digital products, instant access is provided upon purchase, with audiobook streaming and e-book downloads available within the user dashboard.

On the administrative side, the system includes tools for managing books, accounts, categories, discounts, and customer orders. Built using modern web technologies, the application ensures responsive performance and a smooth user experience.

Architecture Overview

- Backend: ASP.NET Core 8 with a microservices-based architecture
- Frontend: React with TypeScript
- Gateway: Ocelot API Gateway and GraphQL-based APIComposer (HotChocolate)

Team members

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