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User Profiles

While there can be multiple user bases, such as, students, teachers, librarians, advisors, amateur writers, authors, publishers, etc., they all generally fall under clients. There are two user profiles in practice: Client and Admin.

Client

Any person who doesn't have access central server, "odin" in our case, would be considered a client or an end-user. Their features are most diverse as the application is based around them. Each user will also be rated based upon how much contribution they have made to the database with books, audiobooks, reviews, valid error reports, etc.

Admin

Contrary to above, anyone who has access to the server where all temporary files are stored for transfer and the transaction database along with the review database resides, is called an admin. Their side of the application is generally for observation and correction purposes and is purely functional using the toolset utilized in the development of this application.

Features

Initial

- PDF/Epub file viewer
- PDF-Epub convertor
- PDF tools to isolate a chapter for goal binding
- peer-to-peer file sharing
- Book(File) review system
- Centralized database option to make a book public
- File sharing via websockets through odin(server)
- Audiobook option
- Persistent notes option
- API calls for information on any book that is not available
- Dual database system, local for personal features and global for server features
- Related Books using graph theory

Dropped

Potential

Final

Relational DB Schema

Application Architecture

Style Guide

General Documentation