

Online Book Reader Object Oriented Design

Some clarifications needed : Can multiple users open same book at a time ? Do books have restricted no. of page view ?

Assumtions : Users are already registered to use, The PDF reader is a third party app providing services.

User cases : Search Book – User searches books in library by name, author or Book ID. The system displays list of books.

ReadingList_– User can add searched book to reading list. The list maintains booksToRead and booksAlreadyRead.

Open Book_– User opens the searched book in a book reading application. The system initiates a book reading session.

User actions_– User can add comments, annotations, bookmarks.

Close Book_– The application applies the changes to the book and closes.

Design Considerations :

- 1)Strategy for searching books
- 2)Reader app should be referred via interface to support loose coupling.
- 3) Command can be used for user actions. E.g comment, annotate etc.

