Book Rentals

Our company has a big private library of books and magazines, where any employee can borrow any title for a certain time. Since it already contains hundreds of titles, it becomes very inefficient to use MS Excel to manage the whole process. We need an online system, where any employee can see what’s in the library and who’s borrowed what.

## Scenario

A typical user should be able to find a book by title, author, tag or ISBN, see if it’s available or who had already borrowed it. Then he can create a new booking and pick up the book in the library. When the user comes to the library, the library manager will with check user’s identity, give him the book and mark that information in the system.

The booking is valid for 3 days. If the book is not picked up, the booking is canceled. Each title has a predefined rental period (30 days) and reminder notification time (3 days before end). Rental time is the most allowed time for the title to rent. Notification period is the time when system will send a friendly reminder to the borrower, that he’s about to return the book. If the title is not returned within this period, the system will send reminder every other day until the title is returned. The notifications / reminders are sent by email.

We need to be able to import list of existing or new titles to the library.

### Reports

The system should provide a report about which titles are currently available, who has borrowed what, and which title is the most attractive.

### Logging

The system should log information about bookings and rentals for auditing purposes.

## Roles

Visitor – a not authenticated user, can see books and find a book. He can see if the book is available.

Authenticated user – same as a visitor, but is already signed in to the system. She can also book a title and see list of borrowed books.

Library manager – an authenticated user with higher privileges. She can manage titles in the system, import new titles, list users and see who’s borrowed what. She can also run reports.

Administrator – an authenticated user with unlimited privileges. She can put users to the roles.