Library System

At the library, a customer may borrow one or more books for a certain period of time, usually 2 weeks at a time. It is then possible to reallocate the books again. If the books are not returned on the return date, the customer will be charged with 2 SEK per book and day until the books are returned. At the library, the borrower can also get help finding books by a particular author and receive information on what shelf the books are stored on.

In order to borrow books, the customer is required to show his library card, this card has a unique number that is linked to the customer with name, address and telephone number.

**For the grade “Godkänd” (Pass), the following is expected:**

* There should be a directory of books.
* It should be possible to add new books to the directory (title, author, genre, publisher, shelf)
* Sorting and searching of books, for example by Author.
* To lend out a book to a customer and specify the date the book should be returned.
* Register that the customer has returned the book.
* Customers should be in a customer register.

**For the grade “Väl Godkänd” (Pass with distinction) the criteria for pass must be met as well as:**

* Should be able to show all borrowed books
* Should be able to view all delayed books
* Should be able to show if the borrower returned the book is delayed and what the total delay fee will be.
* Statistics on what books have been lent out the most
* To be able to view the borrower's loan history