Library Management System

# Main features:

**Search book:**

* By title
* By author
* By category
* By publication date

**Book details:**

* unique identification number
* physical rack number

**Number of certain book (inventory?)**

* number of reserved
* number of available copy

**book circulation data**

e.g. who took it out in the past, how many times it was taken out, who currently has it

**activities of members:**

when and what books he took out, which books he currently has, return dates, late returns, amount and date of membership fee payment

**each person is the maximum number of books that can be borrowed**

**maximum period of borrowing each book**

**barcodes:**

the system can read the barcodes of the books and assign the fact of borrowing to the member