Software Requirements Specification

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# Introduction

The purpose of this document is to build a Public Library System (PLS) with which the information can be managed that is needed to run a public library, lending out paper books to customers. The system will consist of a backend (data processing and storage) and a frontend. The frontend can consist of a console based (textual) interface that gives access to all the functions of the system. The whole issue of security and access rights is left out of scope of this assignment.

The library has paper books, a catalog of books, a loan administration, customers, and a librarian (bibliothecaris). New customers can be added to the administration. New books (that means: the identification details of paper book items) can be added to the catalog. Customers can search for books and loan books. The library can be filled with books and customers from data files. All the data in the PLS can be backed up on file, and restored from file.

# Overall Description

A Public Library System (PLS) is able to stores the following information:

* **Librarian details:**

It includes adding a customer to the system, adding a book, filling the system with customers from a file of people (.csv file),

* **Subscriber details:**
* **Publishing company details:**

# Requirements specification