PROGRAM VISION STATEMENT

REVIEW

The purpose of this document is to indicate the purpose and expected result of work on the project, to collect, analyze and determine the needs for the development of the library management system. Objectives of this document:

- analyze the needs of the librarian and readers
- analyze analogues to the application
- identify the problems faced by users and the consequences of these problems for the productivity and efficiency of the library management system
- determine the target audience

OBJECTIVE OF THE PROJECT AND EXPECTED RESULT

Create a convenient web-oriented system that would contain information about books and library users with the ability to operate this data. The site will allow users to search for books by title, author or Dewey classification, view brief information about the book, location of copies and other functionality, including book rental.

NEEDS OF LIBRARIAN AND READERS

There are a large number of libraries that require computer equipment, and even more libraries that require a high-speed Internet connection. Good software also plays an important role. Both the librarian and the visitors need all this for comfortable work. Library workers need to keep records of books and be able to quickly find out whether a certain book is in the library, whether it is "on hand" and, if so, who has it. It would not be superfluous for the reader to be able to reserve the necessary books online.

ANALYSIS OF PROJECT ANALOGUES

InsigniaLibrarySystem. A Canadian library management system that can be installed for a single site or for a group of libraries. Convenient interface and book search, but there is no functionality for managing clients.

Also, the presence of only the desktop version of the service can be considered a minus.

HandyLibraryManager. Easy-to-use, full-featured library software for small libraries. The clients are mainly schools, churches and public communities. Functionality for tracking the status of books, managing clients, but the price is quite expensive.

Polaris. The most famous American library software. It has wide functionality and 40 years of experience, but the interface is outdated for convenient use.

FORMULATION OF THE PROBLEM

This project can solve the following problems:

Problem	- there is no convenient application that would help to structure large volumes of books in libraries of schools, churches or other institutions, - the client cannot independently check from home whether the book he needs is available, - it is difficult for the librarian to track customers who have borrowed books.
Influence	These problems affect the speed and convenience of work, both for the librarian and for the client.
Impact of the problem	Due to these problems, the organization of the process of returning and receiving the book is complicated.
A successful solution to problems will allow	- to improve the work of libraries of various institutions, - increase control over books, - provide users with permanent access to existing books.

TARGET AUDIENCE

Such an application may be interested in:

- public libraries,
- special libraries,
- libraries of educational institutions.