Software Requirement Specification

1. Introduction

1.1 Purpose

This SRS describes the functional and nonfunctional requirements for a Library System. This document will highlight the users of the system, their purpose within the system, and their available function
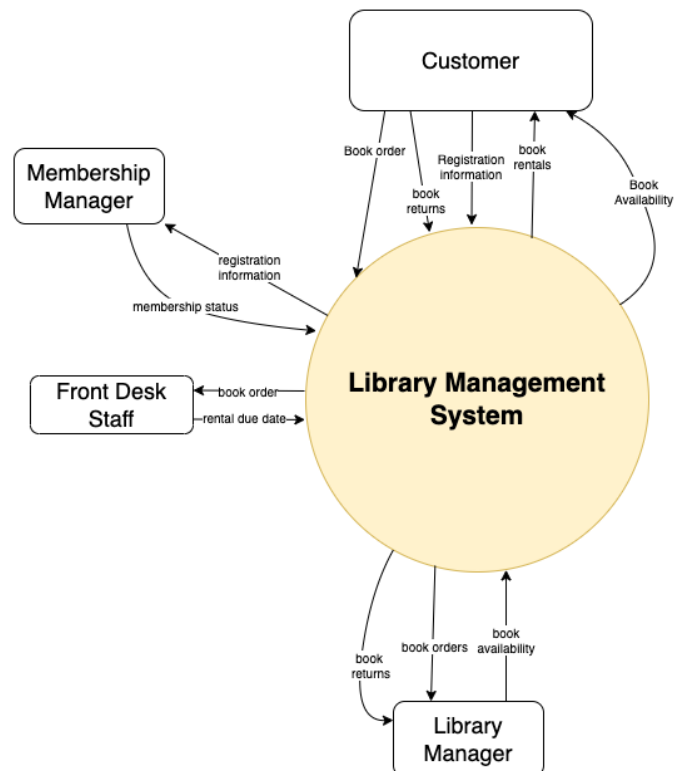
1.3 Project Scope

This Library System will allow library customers to obtain a library membership and check out library books for rental. It will also allow library employees to add books to the library.

2. Overall Description

2.1 Product Perspective
The Library Management Systems is a software system that will be used to manage the moving of books in and out of the library. The figure below illustrates.

2.2 User Classes and Characteristics

User Class	Description
Customer	A customer is someone who comes to the library to rent out books.
Membership Manager	Membership managers are library employees who manage what customers are currently registered within the library. They provide the system with a customers membership status and are
Front Desk Staff	Front Desk Staff are library employees who manage book orders. They take a **customer's** order and rent out their requested books to them, if available.
Library Manager	Membership managers are library employees that manage the books within the library. They keep track of what books are currently available at the library and of what books are currently checked out.

3. System Features

3.1 Rent books from the library

3.1.1 Description

A library customer whose membership is confirmed with a membership manager can rent books from the library. They will create an order, present it to front desk staff, and rent out their backs. The front desk staff will provide them with a rental receipt, which also contains the rental due date.

3.1.2 Functional Requirements

Order.place	**Place a book order**
.member	the Membership Manager confirms that the Customer is a member of the library.
.no	If the Customer is not a member of the library, the customer will provide the Membership Manager with their registration information and they will be awarded membership to the library.
.available	The Library Manager checks if the book requested is available.
.no	If the book isn't available, the Customer will have to find something else to rent from the library.