

University Of Maryland Global Campus

Library Management System (LMS)

Project Requirements

CMSC 495 7380

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Version 1.3

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Revision History

REVISION	DATE	DESCRIPTION	Author
1.0	4/2/2023	Initial	Ben Ramos
1.1	4/2/2023	Addition of user requirements	Ben Kus
1.2	4/5/2023	Addition of admin requirements	Brandon Durham
1.3	4/5/2023	Revision of the functional requirements	Ben Ramos

1 Project Topic

- a. A library management system is a project which aims in developing an application to maintain the book catalog of a library. The purpose of this is to provide administrators with the ability to conduct daily maintenance to its book catalog. It will provide an easy and administrator-friendly way to track books, add and remove users, as well as track overdue books and numerous other functions. It will also allow an administrator to see a list of books issued along with their issue date and return date. This system will store all the books and user information along with book numbers, book titles, and author names in the system database. The administrators can handle admin functions such as creating a new LMS user account and other administrative matters. Overall, this project is being developed to help the administrators with cataloging in the best possible way possible and reduce human strain.

2 Requirements

- a. These are the initial functional requirements and are subject to change as the application is developed and more functionality is needed.

Requirement #	Description
1	The system shall provide the administrator with a login screen
2	The system shall provide an administrator-specific display to conduct admin role
3	The system shall provide an administrator-specific display to check out books
4	The system shall allow the admins to include library borrower's information during issuing books
5	The system shall allow the administrator to search for books based on title, author, etc.
6	The system shall allow administrators to add and remove books
7	The system shall provide the ability for admins to log out and end a session