**National University of Computer and Emerging Sciences**



Database Project Proposal

**Library Management System**

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# Introduction

This program will allow users to issue books online from the library and will allow the users to check which books are available and which books are not.

# Functionalities

1. ***Login***

Students will be able to login into their own personal profiles with their respective usernames and password. If they do not have a profile, they will have the option to sign up.

1. ***Book Issue Date***

The date at which the book is issued will be recorded into the database.

1. ***Due Date***

The due date of each book will be recorded into the database with respect to the issue date. This means the database will keep updating itself.

1. ***Check Fine***

If the book is over the due date a fine will be imposed.

1. ***Book Info***

The information about the books will be stored, the name of the author, the name of the book, publisher’s name and its price.

1. ***Student Info***

The information about the students will also be stored. Their parents’ names and the address as well as their phone number and their id.

1. ***Availability of Books***

This function will help us check whether a book is available for issuing or not.

1. ***History of Books Issued***

All the books which have previously been issued will be shown here. This function will be helpful while purchasing copies of more books.

1. ***Librarian Info***

The info of all the librarians will be stored. Their name, id and their timeslot as well.

1. ***Maintain Books***

This function will be used to add new books into the database or to delete a book from the database if it is being removed from the library.