PROJECT PROPOSAL

Title:

Book Store – Web-Based

# Introduction:

Summary of Problem:

Users can rent or sell books to other users directly. An online books store allows users to rent and buy from other users.

Summary of Solution:

This is a web-based bookstore where users can add books, delete books, update readers, and search books. The user must be able to log in and log out. They can also rent and return books or choose to buy books instead.

# Problem Definition:

Generally, selling books is a prevalent activity today, and it is effortless to sell books online. Usually, books were only sold traditionally, i.e., physical stores.

However, nowadays, books are sold in hard copies and as online documents. But books store only work one way since users mostly buy books from the stores and then sell them to the customers. What if a user could also rent out a book directly from the store? Since most transactions are done online and involve rental tools and equipment, users can also rent out popular but expensive textbooks from the bookstore. However, this is similar to existing online stores (Referenced in Section II) that offer the rental of books as an option.

The core difference would be the ability for users to handle such processes rather than the store. This poses a problem for management, increases the system’s complexity, and increases traffic to the store.

# Proposed Solution:

The proposed project would create a unique way for users to interact with a traditional bookstore that allows users to rent out books for a period directly. This would undoubtedly solve the need for rentals to be regulated solely by the bookstore. The implementation helps users manage stacks of books that would otherwise be inaccessible to other users who might need such materials for a period. For example, a medical or law student without the necessary funds to buy an "Encyclopedia of Respiratory Medicine" textbook for $7000 or a "Halsbury of Laws in Canada" book retails for $11,000. Users will have an account based on a point system that the renter's rating will calculate based on the book’s quality, price, and other factors.

Rentals would view a log of books sold and rented out as a summary of all materials owned by them. Rentals will focus entirely on hardcopy books, and online materials will be sold to users. Owners of the Hardcopies would have to upload pictures of the books, authors, and other details. Renters or buyers can search the books by title, author, or ISBN.