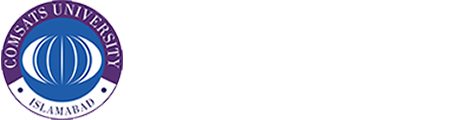
**COMSATS University, Islamabad**

***Course: Programming Fundamentals***

***Title****:* Project Proposal (SCOPE Document) for

**Book Store Management**



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# **Abstract:**

Book store management system is a computerized system which aims at providing easy sales and management of books of various category, in book store management system, payment can be done through either cash or credit cards.

In this system, first we have to add the record of the books which include book id, book name, book author, publisher, price and category. Similarly, we have to add the customer record that includes customer id, customer name, customer contact and address.

then the system will display the menu and ask the end user if he/she wishes to add books after which the sale process will start. At the end, a receipt will be generated to show all the books user bought.

# **Introduction:**

The concept of this project is based on self-service and user can choose whatever books to buy. However, special discounts will be offered on certain number of books bought. Furthermore, the user will also be able to pay according to his/her wish that is cash or credit cards etc. The user will buy books and then pay the desired price on the spot. However, the facility of reading the books on the spot will not be available and the user has to buy the books. Furthermore, the books can be returned if bought wrong in desired time otherwise the order cannot be returned and there will be no refund of the payable amount. The system will work for the registered users only. And to place orders the user has to first register themselves.

# **Problem Statement:**

In most book stores, the users have to go to each shelf to shelf to and to look for the desired books. Similarly, another problem faced by the user is that in some book stores the payment methods are only cash but in this credit cards will be acceptable too. Furthermore, sometimes the user buys more books and does not have enough money to pay for them.

# **Problem Solution for Proposed System**

The above-mentioned problems can be solved by implementing this system on the computer and enable the user to pay according to his /her desire. When the code will be implemented on the computer, it will add the items according to the user and then it will generate the receipt onto the screen. Also, it will search the desired book for the user to save them from the time-consuming process of searching on your own. Similarly, it will give access to only authorized user and thus the data of the customer will be saved within the system.

# **Scope:**

Book store management system will sale items to the registered users only. First it will require the data of the books. The books can be searched, sort, delete and update by the key. If the Id of the book is not found then it will display to add the Id of the book first. And then add the record of the customer as it will take orders only from the registered users., Similarly the record of the customer can also be searched through the id. Id can be adding, delete, sort, update and delete by using these functions. If the id of customer is not found it will display to add the id of customer or register yourself to use the application.

A discount will be given to the user on buying certain numbers of books. If the id of the book is not matched it will not add the book to cart and will ask the user to first enter the book -id .It will also ask the user to if he/she wants to buy more books and then generate the receipts for them .and then ask the user for the payment method i.e. through cash or credit.

# Modules

## Module 1: Main menu:

This will ask the user about which menu he/she want to visit i.e. the customer menu, etc.

1. Book menu
2. Customer menu
3. Receipt menu
4. Add to cart menu

## Module 2: Book menu

This module will display the book menu for the user i.e. it will ask the user which action does he want to perform.

1. Add book record
2. View book record
3. Search book record
4. Sort book record
5. Update book record
6. Delete book record

## MODULE3: Customer menu:

This module will display customer menu for the user to perform the desired functions which will contain add, view etc.

**M3F1**: Add Customer

**M3F2**: View Customer

**M3F3:** Delete Customer

**M3F4:** Update Customer

**M3F5:** Search Customer

**M3F6:** Sort Customer

## Module 4: Add to cart:

This module will display if the user wants to buy books and will ask for the actions to perform i.e. add to cart, delete etc.

**M4F1:** Add to cart

**M4F2**: View cart

**M4F3:** Delete record

**M4F4:** Update cart

## Module 5: Receipt menu

This module will generate the slip for the user and will display the receipt menu which will contain add, view etc.

**M5F1**: Add receipt

**M5F2**: View receipt

**M5F3:** Delete receipt

**M5F4:** Update receipt