

User Documentation

Project Name: Bookstore Management System **Version:** 1.0

1.1. Introduction

The Bookstore Management System is a desktop application designed to help bookstore employees manage inventory. It allows you to add new books, track stock levels (pieces), locate specific books on shelves, and manage orders for low-stock items.

1.2. Getting Started

1. **Launch:** Run the application. A window titled "Bookstore Management System" will appear.
2. **Navigation:** The main menu consists of 7 buttons on the center screen. Click a button to perform an action.
3. **Data Saving:** The application automatically saves your changes to a file named store.dat. **Do not delete this file**, or your inventory data will be lost.

1.3. Features Guide

Add (Adding a New Book)

Use this to register a new book in the system.

- Click **Add**.
- Fill in the fields: *Author*, *Title*, *Topic*, *Year*, *Price*, *Shelf Number*, and *Piece* (Quantity).
- **Note:** Year, Price, and Piece must be positive numbers.
- Click **OK** to save.

Modify (Editing a Book)

Use this to update details (e.g., price change, moving to a new shelf) for an existing book.

- Click **Modify**.
- Enter the exact **Author** and **Title** of the book you want to edit.
- If found, a form appears with the current data. Change the necessary fields and click **OK**.

Delete (Removing a Book)

Use this to permanently remove a book from the system (e.g., stopped selling it).

- Click **Delete**.
- Enter the exact **Author** and **Title**.
- If found, the book is immediately removed.

Search (Finding a Book)

Use this to look up books based on specific criteria.

- Click **Search**.
- Select a search method from the list:
 - **Author / Title / Topic:** Finds text matches.
 - **Year:** Finds books published in a specific year.
 - **Max Price:** Finds all books cheaper than or equal to the price you enter.
- The results will show the Author, Title, and Price.

Order (Checking Low Stock)

Use this to see which books are running out of stock.

- Click **Order**.
- The system scans the inventory.
- It displays a list of all books that have **fewer than 10 pieces** remaining.

Upload (Restocking Inventory)

Use this when a shipment arrives to refill shelves.

- Click **Upload**.
- The system automatically checks for books with low stock (fewer than 10 pieces).
- For *each* low-stock book, a popup will ask: *"How many arrived?"*
- Enter the quantity to add to the current stock.

Exit

- Click **Exit** to safely close the application.