CompE 361 Windows Programming Fall 2022
Term Project

The task is to build a bookshop management system that helps to track all the book records in a file. The records to be stored are listed below:

- Users (id, username, password)
- Books (id, name, author, number, cover photo, price)
- Orders (id, user_id, customer name, date, total price)
- OrderItems (order_id, book_id, number)

The features to be implemented are listed below:

- There should be admins to manage users section.
- Login window (10 Points)
- Users management (30 Points)
    - Add a user
    - List existing users
    - Update a user
    - Delete a user
- Books management (30 Points)
    - Add a book
    - List existing books
    - Update a book
    - Delete a book
- Order Management (30 Points)
    - Create an order
    - List the orders
    - Update an order
    - Cancel an order

The details you need to care:

- All id's need to be auto incremental. User will not enter any id to the system.
- Usernames need to be unique.
- Two books can have same name but different ids.
- After each order process, the book numbers need to be updated.
- An order cannot be created or updated with a number of books more than existing.

Note: The projects are going to be presented not submitted.

Due Date: 12.16.2022

Grading

Feature	Point
Login window (admins need to see user section while others don't)	10
Users section	
Users window (listing the users as table)	10
Add & delete user (required validation for add, required dialog box for delete)	10
Update user (required validation for add)	10
Books section	
Books window (listing the books by cover photos)	10
Add & delete book (required validation for add, required dialog box for delete)	10
Update book (required validation for add)	10
Orders section	
Orders window (listing the orders as table)	10
Add & delete order (required validation for add, required dialog box for delete)	10
Update order (required validation for add)	10
Bonusses	
Basic search for each section (text search on some properties)	10
Advanced search for each section (detailed search for some properties at once)	10
Renting book (renting, getting back, keep records, change stocks)	100
Creative designs	10 - 30