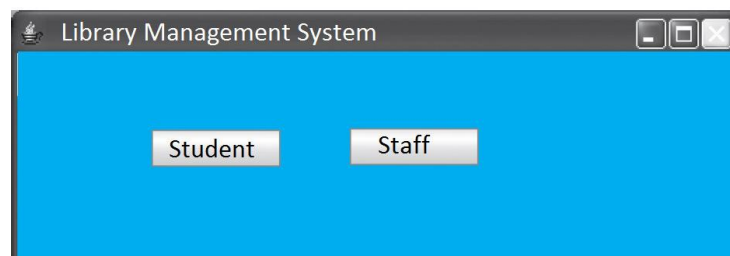# COSC 1430 FINAL PROJECT – OPTION 3
Library Management

In this project, you are going to develop a system to keep track of the books in a library. Your program will read the book records from an external file. The file will begin with the number of records in the file. For each book record, the following information will be stored in the file:
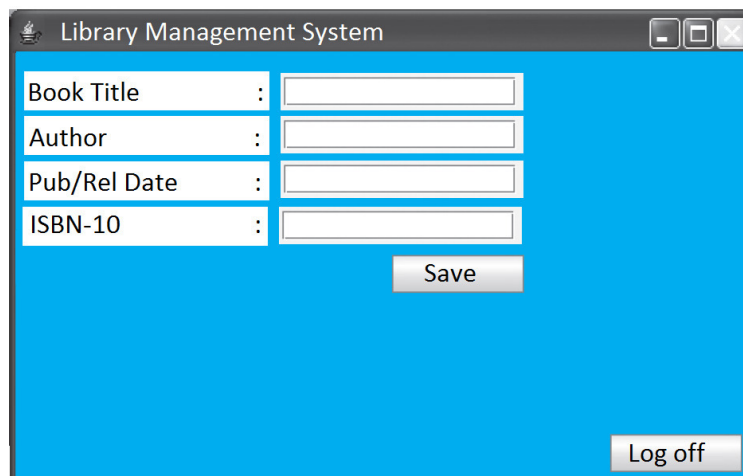
- Book Title
- Author
- Release/Publication Date
- ISBN-10
- Check-out status (yes/no)

Currently, there are 2 records in the file. Please generate at least 10 records.
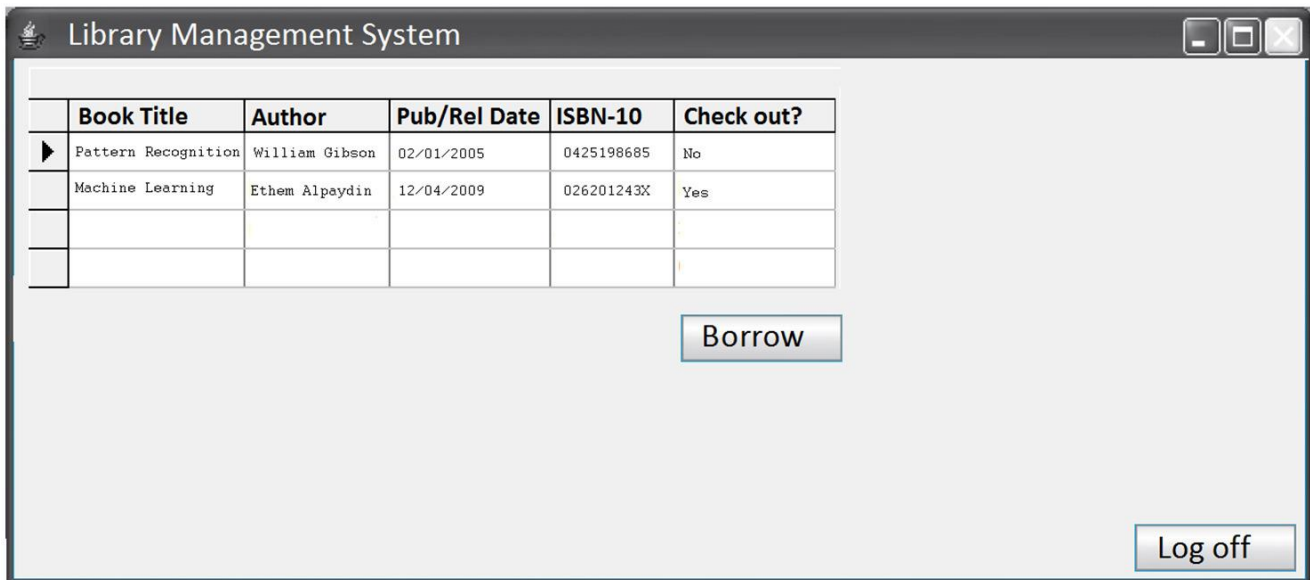
The program should provide 2 different interfaces for students and staff:

Staff login requires a username and password (staff usernames and passwords are provided in an external file). Staff can add new books to the system.

Students can see the list of the books:

Students can borrow a book if the book is available. Please note that you should update the book list and text file accordingly.

Important:

Please note that all term projects are open-ended questions. In other words, you are free to add any functionally and improve the user interfaces.