



Bookstore Management System

Object Oriented Programming Project

Fall Semester, 2023-2024

Group members: Ema Kola, Keit Nika

Ema Kola - Add/Restock Book, CheckOut Book, Librarian/Book/Finance Stats, Paycheck Release, Update Permissions

Keit Nika - Add Author, Add Category, Add User, Search Book, Manage Employees, Manage Library

We have created a custom Button class called **ButtonWithPermission** to deal with the Buttons present in HomeView. It makes a button invisible if the user that is logging in does not have permission to use that feature.

There is also a custom class extending TextField called **ValidatingTextField** that makes use of predicates to validate a text. There is a listener inside the class to keep the isValid() method updated as the text in a text field changes.

The project follows the MVC pattern.

There is also a folder called **files** containing the binary files that serve as a database for the purposes of this project. Inside the files directory there is a files/images folder containing icons used to customize buttons and a files/printedBills folder containing .txt files of the “printed” customer bills when a book is checked out.

The usernames and passwords with which you can access the program are inside a **usernames.txt** file inside the files folder

