

Problem Statement : A multiple location company (a bookstore that specializes in rare books) lacks a consolidated inventory system. Each individual branch utilizes an exclusive spreadsheet and makes changes that are not readily known across the collection of the locations. The lack of an inventory management system allows for a lack of monitoring with regard to what and which employees are deleting the records that pertain to transactions and to specific books held, sold/released and acquired by the company. Specific information (pricing, dates of publication, edition, author, etc.) pertaining to books is not currently a standardized part of how searches can be conducted.

Goal/Objective : Create a user interface for an inventory management system for the bookstore. Adapt the login process to accommodate **four** tiers of users: **district managers**, **store managers**, **employees with permissions**, and **employees without permissions**.

District Managers: Have full permissions to add, update, and delete books as well as create accounts for, set temporary passwords for, set permissions, and delete accounts for other users (employees and store managers)

Store Managers : Have full permissions to add, update, and delete books as well as create accounts for, set temporary passwords for, set permissions, and delete accounts for other users.

Employees with permissions: Have permissions to add, update, and delete books

Employees: Have permissions to add and update books

Login Page: Title and login form. Login form has two input fields vertically positioned — Username and Password and Submit button.

Search Form: login form with vertical input fields (Title, Author, Publisher, Publication Date, ISBN). Horizontal checkboxes for add, update, and delete options. Submit and reset buttons.