Database design:

There should be a tab for each major component. The components are: Customer, Inventory, Employees, and Management

**Customer**

* Ability to search for books by title, author, isbn, or genre
* Able to select book and add to “cart”
* Able to purchase the book (this will be a pretend transaction)
  + At checkout, user can enter matching name and membership id for 10% discount
* The order is tracked through the store and then decreases the amount of inventory by the amount purchased

**Inventory**

* Section to add the book to the catalogue
  + Book has following information to add: author, isbn (must be unique), publication date, edition, price, page count, description
* Section search by title, author, or isbn, get confirmation before removing from inventory
  + Give 2 options for selected book:
    - Update book information
    - Remove book from inventory

**Employees**

* See scheduled shifts (handled in the management tab)
* Check in/out of shift, exclusive to current status (on the clock, off the clock)
* Section to give customer membership status (associating the customerID with the membership table)

**Management**

* Before being able to manage elements like the employees employed, need to add store
  + Store has storeID, name, address, phone, email, and opening\_hours
* Adding employees to store
  + Employee has employeeID, first\_name, last\_name, position, hire\_date, salary, email, phone
* Ability to edit, remove, or schedule employees at store on a given date and time.
* Add, remove, edit supplier
  + supplierID, name, contact person, phone, email, lead time delays