**Inventory Application for Book Store**

CST8285 Section#312

Group 9

Mingzi Xu

Lanchen Zhou

Feiling Xie

**Group Membership and Tasks contribution:**

|  |  |  |  |
| --- | --- | --- | --- |
| Member Name | Email Address | Student number | Tasks |
| Lanchen Zhou | Zhou0234@algonquinlive.com | 041113652 | HTML and CSS |
| Feiling Xie | Xie00083@algonquinlive.com | 041104728 | SQL and Documentation |
| Mingzi Xu | xu000198@algonquinlive.com | 040897612 | PHP and JavaScript |

**Description of the database：**

We created a few tables for SQL Server. The tables and relationships are created as below:

* The book table has a list of information including book title, cost, inventory numbers, ISBN information, category, author, and publisher information.
* The user table has a list of information including user ID, username, user role, telephone number, password.

**Functionality guide：**

Our project is a web-based application that helps bookstores keep track of their inventory. The main functions that this system needs to accomplish can be divided into three parts:

* **Book Entry and Management**
  + Input and edit book information, including title, author, publisher, publication date, pricing, etc.
  + Implement management of book categories, tags, and keywords.
* **Inventory Management**
* Monitor real-time inventory levels, including quantity and changes in stock.
* **Employee Management and Access Control**
  + Manage employee information, including personal details, work records, etc.
  + Set different levels of access permissions to ensure information security.

**Site Map:**

A diagram of a company

Description automatically generated

**Wireframe:**

A screenshot of a web page

Description automatically generated