FOLIO

Our system will be a book marketplace.

* Sell books to the general public
* Log in and register system
* Shopping cart – saving a shopping cart
* Filter by type etc.
* Sell your own -verified users
* Payment variation
* Returns – FAQ and help section
* Security
* Reviews
* Web design- brand, logo

This program will sell books to the general public. Users will have access to a web front allowing them to filter a stock of books by genre, author, price and any other attribute. Users may also leave a review for any purchases they make.

Users may be prompted to register or they may checkout as a guest for their purchases. The will be able to add multiple items to a shopping cart and once they reach a checkout page they will be able to choose a payment type. If a user decides they do not wish to make the purchase right away there will be a feature to save the shopping cart for later.

There will be a return feature alongside a help and FAQ section for users who are experiencing difficulties.

Users will also be able to access a sell page where they can sell new or used books. There will be a system for verifying users.

Staff management system

* Register system – Adding, editing, deleting, filtering
* Verification – Updated by staff on a customer profile
* Web design

Customer system

* Shopping cart – add, edit, delete, filter
* Sell (listing) – add, edit, delete, filter
* Returns – made by customer, linked to stock data

Stock

* Stock data – add, edit, delete, filter

Orders

* Dispatch – add, edit, delete, filter

Tables

User Table

|  |  |
| --- | --- |
| UserID | String |
| firstName | String |
| lastName | string |
| DateOfBirth | Date |
| HomeAddress | String |
| emailAddress | String |
| phoneNumber | Int |
| Password | string |
| isAdmin | Bool |
| isSuperUser | Bool |
| isVerified | Bool |

Book Table

|  |  |
| --- | --- |
| BookID | String |
| UserID | String |
| AuthorID | String |
| BookTitle | String |
| Price | Float |
| BookType | String |
| Genre | String |
| PublicationDate | Date |

Order Table

|  |  |
| --- | --- |
| BookID | String |
| UserID | String |
| DateOfPurchase | Date |
| IsDispatched | Bool |
| DateOfDispatch | Date |
|  |  |

|  |  |
| --- | --- |
| AuthorID | String |
| FullName | String |
|  |  |
| BookID | String |
| Description | String |
|  |  |

Author Table

Publisher Table

|  |  |
| --- | --- |
| PublisherID | String |
| AuthorID | String |
| BookID | String |
| PublisherName | String |
| Website | String |
|  |  |