

# USER GUIDE

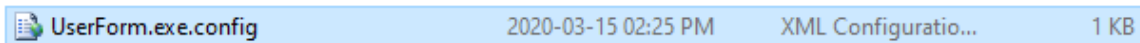
## Book Management

### 1. Description

- \_ This application will help you easy to rent book, return book, and manage book.
- \_ Use .NET Framework 4.8.
- \_ Use Visual Studio 2019 to run this application.
- \_ Use SQL Server.

### 2. Configuration

#### **Step 1: Open "UserForm.exe.config" file .**



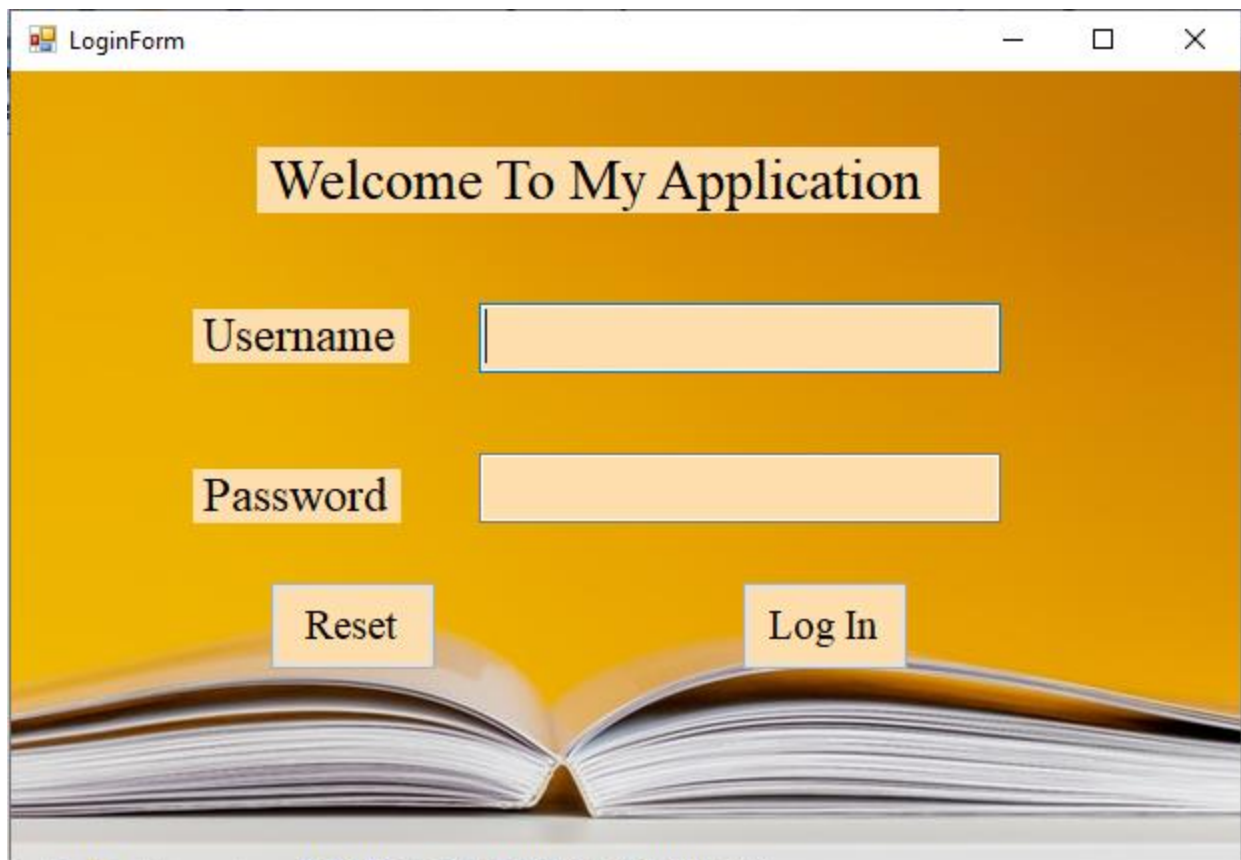
#### **Step 2: Right mouse click -> Open with -> Notepad.**

```
<connectionStrings>
  <add name="LibraryManament"
    connectionString="server=DESKTOP-GF11EN2\SQLEXPRESS;
      database=LibraryManament;
      uid=sa;
      pwd=dominhduc " />
</connectionStrings>
```

#### **Step 3: Modify connectionString.**

```
server= <your SQL Server name>;
uid=<your username SQL Server account>;
password=<your password SQL Server account>;
```

### 3. Software



After we run application.

## Book Management

The screenshot shows a window titled "LoginForm" with a yellow background. At the top, it says "Welcome To My Application". Below this, there are two input fields: "Username" with the value "admin" and "Password" with the value "123". There are two buttons: "Reset" and "Log In". The "Log In" button is circled in blue.

Login by account of admin.

The screenshot shows a window titled "Admin Form" with a yellow background. At the top left, it says "Welcome, Admin". At the top right, there is a "Logout" button. Below this, there are two main sections: "Book List" and "Book Information".

**Book List**

ID	Name	Status	Price	Quantity	Author
AB	A Book	<input checked="" type="checkbox"/>	5.2	1	vinh
JAD	Japan Ad	<input checked="" type="checkbox"/>	1.6	4	duc
JF	Java Found...	<input checked="" type="checkbox"/>	8.2	10	hanh
PRN292	C#-.Net Pro...	<input checked="" type="checkbox"/>	10.3	10	thanh

**Book Information**

Book ID: AB

Book Name: A Book

Book Status: True

Book Price: 5.2

Book Quantity: 1

Author: vinh

Search Value:

Buttons: Refresh, New, Update, Delete

## Book Management

After login success. Application will show GUI of admin.

Admin Form

Welcome, Admin Logout

**Book List**

ID	Name	Status	Price	Quantity	Author
AB	A Book	<input checked="" type="checkbox"/>	5.2	1	vinh
JAD	Japan Ad	<input checked="" type="checkbox"/>	1.6	4	duc
JF	Java Found...	<input checked="" type="checkbox"/>	8.2	10	hanh
PRN292	C#-.Net Pro...	<input checked="" type="checkbox"/>	10.3	10	thanh

Search Value

**Book Information**

Book ID

Book Name

Book Status

Book Price

Book Quantity

Author

Refresh New Update Delete

Typing information of new book. Then, press "New" button.

Admin Form

Welcome, Admin Logout

**Book List**

ID	Name	Status	Price	Quantity	Author
AB	A Book	<input checked="" type="checkbox"/>	5.2	1	vinh
JAD	Japan Ad	<input checked="" type="checkbox"/>	1.6	4	duc
JF	Java Found...	<input checked="" type="checkbox"/>	8.2	10	hanh
PRN292	C#-.Net Pro...	<input checked="" type="checkbox"/>	10.3	10	thanh
SQL	SQL Server	<input checked="" type="checkbox"/>	35.55	3	Duc

Search Value

**Book Information**

Book ID

Book Name

Book Status

Book Price

Book Quantity

Author

Refresh New Update Delete

## Book Management

On table, you choose a book which you want to update information. Then, press "Update" button and type new information of book. Finally, press "Update" button to complete.

The screenshot shows a web application window titled "Admin Form". The interface is divided into several sections:

- Welcome, Admin**: A message at the top left.
- Logout**: A button at the top right.
- Book List**: A table with columns: ID, Name, Status, Price, Quantity, and Author. The first row is selected, showing ID "JF", Name "Java Foundation", Status checked, Price "8.2", Quantity "10", and Author "hanh".
- Book Information**: A form with fields for Book ID, Book Name, Book Status, Book Price, Book Quantity, and Author, each with a corresponding text input field.
- Search Value**: A label next to a text input field containing the letter "f". A blue arrow points to this field.
- Buttons**: A row of buttons labeled "Refresh", "New", "Update", and "Delete" at the bottom right.

If you want to search any book, you have to type name of book into textbox which next to "Search Value" label.

## Book Management

Admin Form

Welcome, Admin Logout

**Book List**

ID	Name	Status	Price	Quantity	Author
AB	A Book	<input checked="" type="checkbox"/>	5.2	1	vinh
JAD	Japan Ad	<input checked="" type="checkbox"/>	1.6	4	duc
JF	Java Foundation	<input checked="" type="checkbox"/>	8.2	10	hanh
PRN292	C#.Net Programing	<input checked="" type="checkbox"/>	10.3	10	thanh
SQL	SQL Server	<input checked="" type="checkbox"/>	35.55	3	Duc

Search Value

**Book Information**

Book ID

Book Name

Book Status

Book Price

Book Quantity

Author

Refresh New Update Delete

If you want to delete book, you have to choose a book on table. Then, press "Delete" button.

Admin Form

Welcome, Admin Logout

**Book List**

ID	Name	Status	Price	Quantity	Author
AB	A Book	<input checked="" type="checkbox"/>	5.2	1	vinh
JAD	Japan Ad	<input checked="" type="checkbox"/>	1.6	4	duc
JF	Java Foundation	<input checked="" type="checkbox"/>	8.2	10	hanh
PRN292	C#.Net Programing	<input checked="" type="checkbox"/>	10.3	10	thanh

Search Value

**Book Information**

Book ID

Book Name

Book Status

Book Price

Book Quantity

Author

Refresh New Update Delete

If you want to refresh form, you can press "Refresh" button.



### User Form guide:

**At first we will show you how to use Book Management to borrow book:**

The screenshot shows a web application window titled "UserForm". It features a yellow background and a "Welcome: teonguyen" message in the top right. The main interface is divided into several sections:

- Available Book:** A table with columns: BookID, Name, Status, Price, Quantity, and Author. The first row is highlighted in blue.
- Search:** Two search boxes labeled "Search By Like Name" and "Search By Author", each with a "Search" button.
- Selected Book:** A large gray rectangular area for displaying selected books.
- Buttons:** "View All Book", "Select this book to borrow", "Borrow", "Unselected All", and "Unselect".
- Form Fields:** Input fields for "ID:", "Name:", and "Price:" with corresponding values.
- Borrowing Book:** A table with columns: bookID, bookName, and price. The first row is highlighted in blue.
- Buttons:** "Return" and "Return All book".
- Logout:** A button in the bottom right corner.

BookID	Name	Status	Price	Quantity	Author
2	3	<input checked="" type="checkbox"/>	5.00	5	tao author ne
JAD	Japan Ad	<input checked="" type="checkbox"/>	1.60	3	duc
JF	Java Founda...	<input checked="" type="checkbox"/>	8.20	10	hanh
PRN292	C#.Net Prog...	<input checked="" type="checkbox"/>	10.30	10	thanh
*		<input type="checkbox"/>			

bookID	bookName	price
2	3	5
JAD	Japan Ad	1.6

This table to view the book is ready to borrow, select some book on this table to borrow

## Book Management

Welcome: teonguyen

Search By Like Name:  Search

Search By Author:  Search

Selected Book:

Borrow Unselected All Unselect

View All Book

Select this book to borrow

ID: 2 Name: 3 Price: 5.00

BookID	Name	Status	Price	Quantity	Author
2	3	<input checked="" type="checkbox"/>	5.00	5	tao author ne
JAD	Japan Ad	<input checked="" type="checkbox"/>	1.60	3	duc
JF	Java Founda...	<input checked="" type="checkbox"/>	8.20	10	hanh
PRN292	C#.Net Prog...	<input checked="" type="checkbox"/>	10.30	10	thanh
*		<input type="checkbox"/>			

bookID	bookName	price
2	3	5
JAD	Japan Ad	1.6

Return Return All book Logout

Click button to select you book.

Welcome: teonguyen

Search By Like Name:  Search

Search By Author:  Search

Selected Book:

Borrow Unselected All Unselect

View All Book

You have already borrow this book.  
Please return it before selected again!

OK

Return Return All book Logout

BookID	Name	Status	Price	Quantity	Author
2	3	<input checked="" type="checkbox"/>	5.00	5	tao author ne
JAD	Japan Ad	<input checked="" type="checkbox"/>	1.60	3	duc
JF	Java Founda...	<input checked="" type="checkbox"/>	8.20	10	hanh
PRN292	C#.Net Prog...	<input checked="" type="checkbox"/>	10.30	10	thanh
*		<input type="checkbox"/>			

bookID	bookName	price
2	3	5
JAD	Japan Ad	1.6

If you have already borrow this book, we don't accept you to select this book again.



## Book Management

UserForm

Welcome: teonguyen

Search By Like Name

Search

Search By Author

Search

Available Book

BookID	Name	Status	Price	Quantity	Author
2	3	<input checked="" type="checkbox"/>	5.00	5	tao author ne
JAD	Japan Ad	<input checked="" type="checkbox"/>	1.60	3	duc
JF	Java Founda...	<input checked="" type="checkbox"/>	8.20	10	hanh
PRN292	C#.Net Prog...	<input checked="" type="checkbox"/>	10.30	10	thanh
*		<input type="checkbox"/>			

View All Book

Select this book to borrow

ID: JF Name: Java Foundation Price: 8.20

Borrowing Book

bookID	bookName	price
2	3	5
JAD	Japan Ad	1.6

Return

Return All book

Selected Book

bookID	bookName	price
JF	Java Foundat...	8.2

Borrow

Unselected All

Unselect

Logout

Else your book will come to the selected book table.

UserForm

Welcome: teonguyen

Search By Like Name

Search

Search By Author

Search

Available Book

BookID	Name	Status	Price	Quantity	Author
2	3	<input checked="" type="checkbox"/>	5.00	5	tao author ne
JAD	Japan Ad	<input checked="" type="checkbox"/>	1.60	3	duc
JF	Java Founda...	<input checked="" type="checkbox"/>	8.20	10	hanh
PRN292	C#.Net Prog...	<input checked="" type="checkbox"/>	10.30	10	thanh
*		<input type="checkbox"/>			

View All Book

Select this book to borrow

ID: JF Name: Java Foundation Price: 8.20

Borrowing Book

bookID	bookName	price
2	3	5
JAD	Japan Ad	1.6

Return

Return All book

Selected Book

bookID	bookName	price
JF	Java Foundat...	8.2

Borrow

Unselected All

Unselect

Logout

Now if you want to borrow the selected book, click the button Borrow.

## Book Management

UserForm

Welcome: teonguyen

Search By Like Name:  Search

Search By Author:  Search

Selected Book

bookID	bookName	price
--------	----------	-------

Borrow Unselected All Unselect

View All Book

Select this book to borrow

ID: JF Name: Java Foundation Price: 8.20

Return

Return All book

Logout

BookID	Name	Status	Price	Quantity	Author
2	3	<input checked="" type="checkbox"/>	5.00	5	tao author ne
JAD	Japan Ad	<input checked="" type="checkbox"/>	1.60	3	duc
JF	Java Founda...	<input checked="" type="checkbox"/>	8.20	10	hanh
PRN292	C#.Net Prog...	<input checked="" type="checkbox"/>	10.30	10	thanh
*		<input type="checkbox"/>			

bookID	bookName	price
2	3	5
JAD	Japan Ad	1.6
JF	Java Foundation	8.2

You will see all your selected book will move to Borrowing Book table. That means you borrow this book successfully.

**The second one we will describe how you can return your book:**

UserForm

Welcome: teonguyen

Search By Like Name:  Search

Search By Author:  Search

Selected Book

bookID	bookName	price
--------	----------	-------

Borrow Unselected All Unselect

View All Book

Select this book to borrow

ID: JF Name: Java Foundation Price: 8.20

Return

Return All book

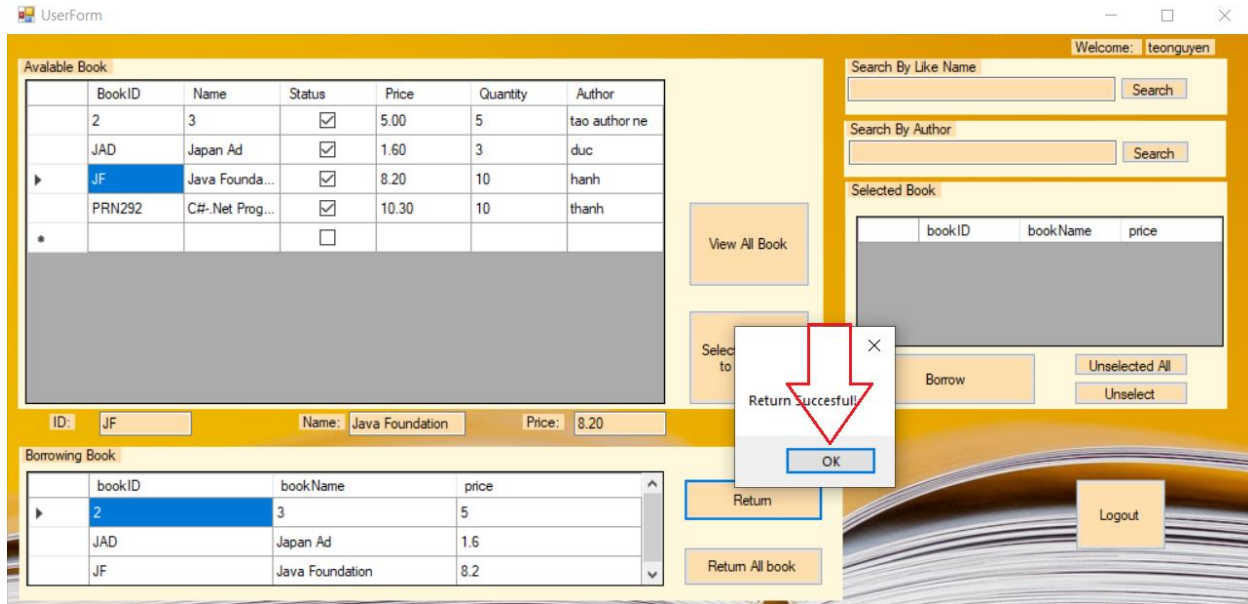
Logout

BookID	Name	Status	Price	Quantity	Author
2	3	<input checked="" type="checkbox"/>	5.00	5	tao author ne
JAD	Japan Ad	<input checked="" type="checkbox"/>	1.60	3	duc
JF	Java Founda...	<input checked="" type="checkbox"/>	8.20	10	hanh
PRN292	C#.Net Prog...	<input checked="" type="checkbox"/>	10.30	10	thanh
*		<input type="checkbox"/>			

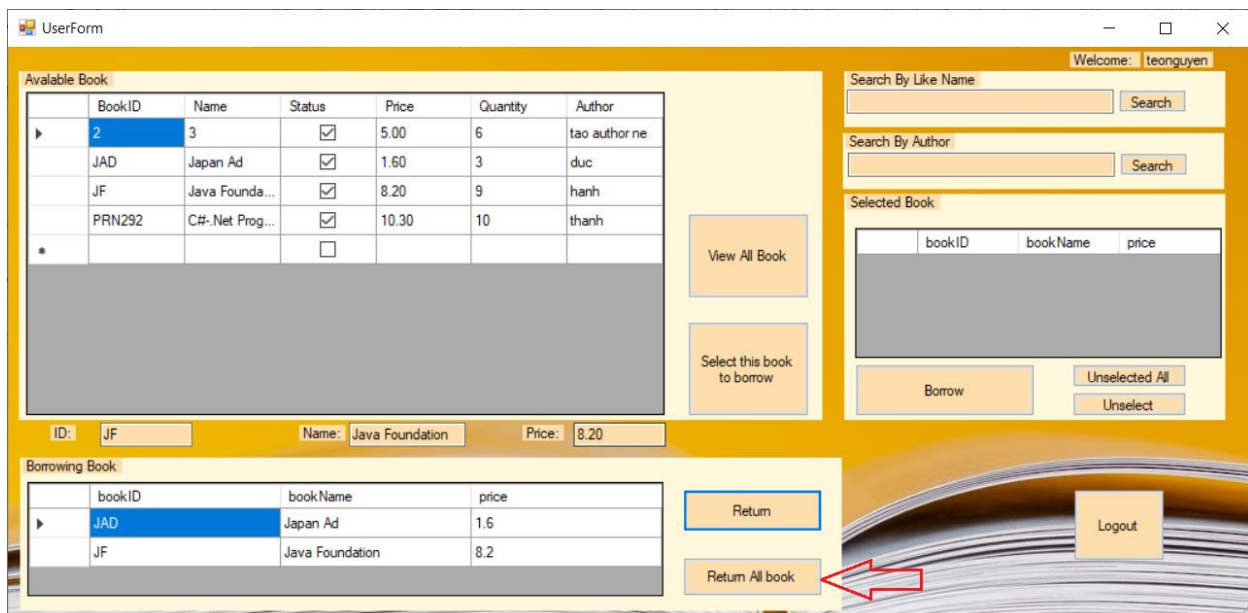
bookID	bookName	price
2	3	5
JAD	Japan Ad	1.6
JF	Java Foundation	8.2

Select the book you want to return in the borrowing book table, then click the return button.

## Book Management

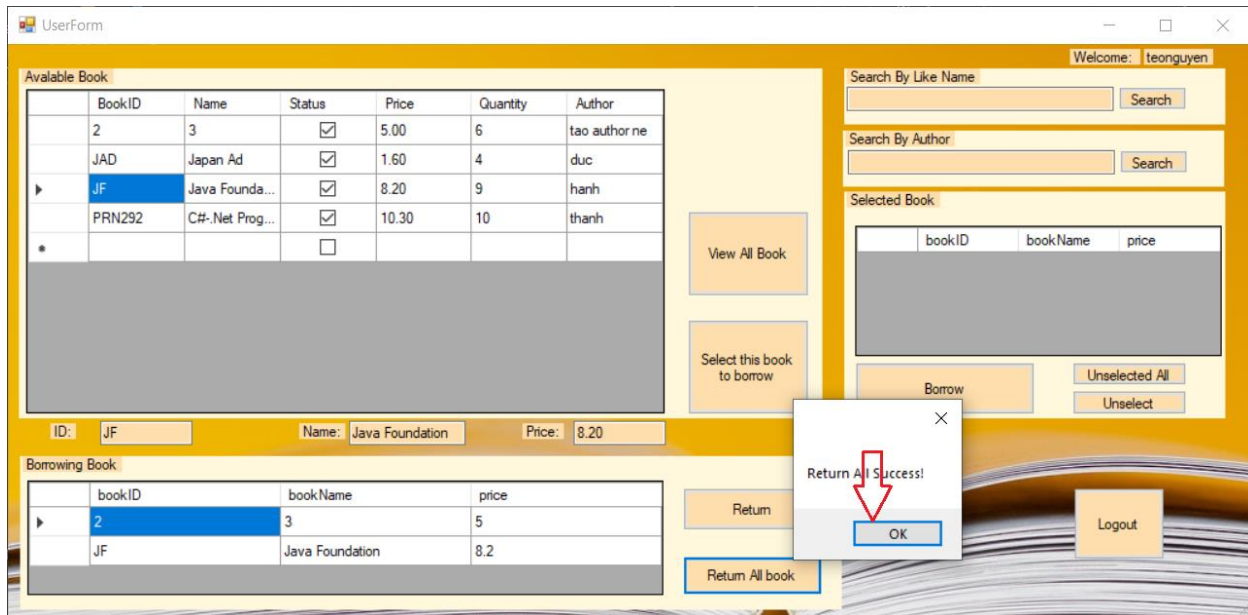


The system will show the message like that. It means you have return your book success. Click the "ok" to continue use our software.



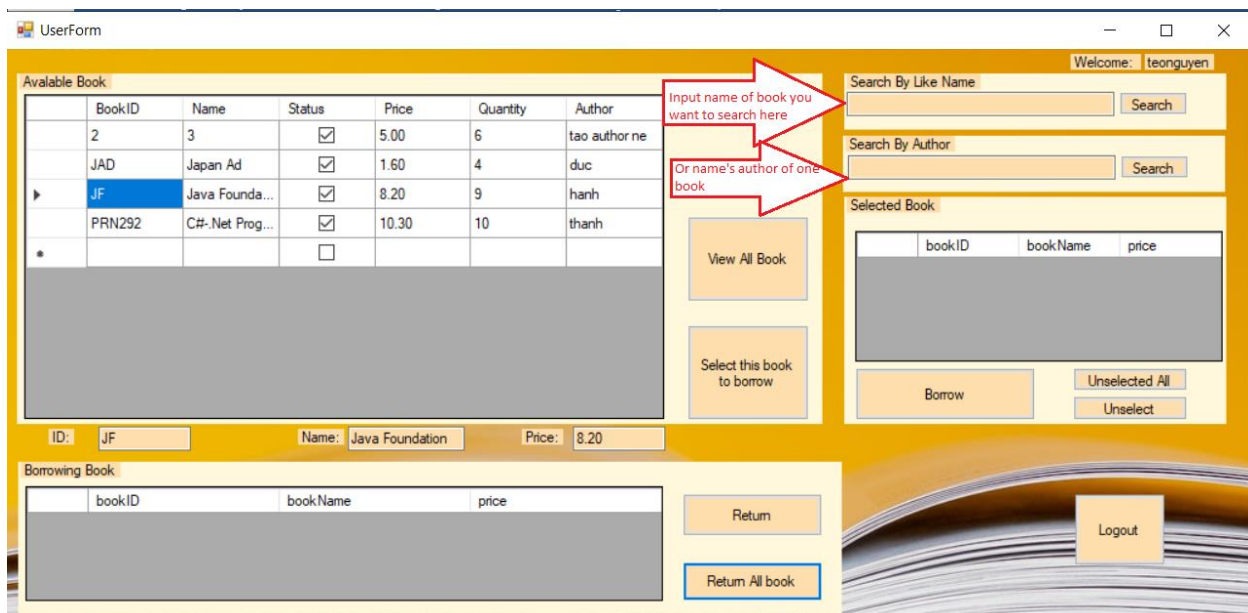
If you want to return all book, click this button to return all book you are borrowing.

## Book Management



The system will show the message like that. It means you have return all your book success. Click the "ok" to continue use our software.

## The thirst one, we come to search book by name/ author description:



After that.

## Book Management

Welcome: teonguyen

Search By Like Name:   1

Search By Author:   2

Selected Book

bookID	bookName	price
--------	----------	-------

Available Book

BookID	Name	Status	Price	Quantity	Author
2	3	<input checked="" type="checkbox"/>	5.00	6	tao author ne
JAD	Japan Ad	<input checked="" type="checkbox"/>	1.60	4	duc
JF	Java Founda...	<input checked="" type="checkbox"/>	8.20	9	hanh
PRN292	C#.Net Prog...	<input checked="" type="checkbox"/>	10.30	10	thanh
*		<input type="checkbox"/>			

Select this book to borrow

ID: JF Name: Java Foundation Price: 8.20

Borrowing Book

bookID	bookName	price
--------	----------	-------

Click the button 1 if you want to search by like name of book, and button 2 to search book by author.