



MAJOR TASK – PHASE ① & ②

CSE 231

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STUDENTS GROUP : 1

STUDENTS SECTION : 1

PROJECT TITLE : LIBRARY MANAGEMENT SYSTEM

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OBJECTIVE :

The objective of this project is a Library Management System to create a Java program with a graphical user interface (GUI) that can manage a library system. The program should allow librarians and readers to perform various actions, such as adding and removing books/members and searching for books/members and ordering or renting books. The system should also support user authentication to ensure that only authorized users have access to specific features. The project documentation should include the documentation, requirements, UML, Classes, Implementation, GUI Design, Testing and Records of Librarians & Readers & Books.

DOCUMENTATION :

Welcome to the Library Management System! This guide will help you understand how to use the system to manage books and users.

- Librarian: You have access to all features of the system, including adding or removing books, adding, or removing users, searching for books or members, from the Book-Order list or remove orders from the Order list, blocking users who return books late, and renting a book.
- Reader: You have limited access to the system, including searching for books, adding, or removing books to the Book-Order list, and renting a book.

At first when you run the code a window opens and there are “Welcome to our Library” and three buttons “Login”, “Register”, “Quit” buttons. At first, you in “Login” use the Username and Password to login, if you have an account, if not you go to “Register” you can go and create an account then login. At last, you want to quit press the “Quit” button.

The program will now update the "Books.txt" file to reflect any additions or removals of books. Similarly, for loans and orders, the program will update the "Loans.txt" and "Orders.txt" files respectively. Furthermore, any additions or removals or blocking of readers will be reflected in the "Readers.txt" file.

If you are a Librarian

Managing Books

You can manage books from the library by selecting the "Manage Book" tab in the main menu. You can search for the book or scroll down the list of the books to choose the specific book you need then click on the "Details" button that shows you the details of the book and you can either Rent or Remove book by pressing on the respective button.

Adding Books

You can add books from the library by selecting the "Add Book" tab in the main menu. To add a Book, enter the book's information, including the title, author, genre, and ISBN then click on the "Add Book" button.

Managing Users

You can manage Users from the library by selecting the "Manage Users" tab in the main menu. You can search for the User or scroll down the list of the User to choose the specific User you need then click on the "Manage" button that shows you the details of the User and you can either Remove or Block the User by pressing on the respective button.

Adding Users

You can add User from the library by selecting the "Add Users" tab in the main menu. To add a User, enter the user's information, including the email, Username, Password, and its confirmation, First Name, Last Name, Phone Number, and Address then click on the "Add User" button.

Manage Orders

You can manage Orders from the library by selecting the "Manage Order" tab in the main menu. You can search for the Orders by the Users or scroll down the list of the Orders to choose the specific Order you need then click on the "Details" button that shows you the details of the User and the orders made by the User, and you can Remove any order made by the User.

View Rent

Shows you all the rented books you rented and has a button "Return".

If you are a Reader

View Books

You can view books from the library by selecting the "View Book" tab in the main menu. You can search for the book or scroll down the list of the books to choose the specific book you need to order or rent click on the "Details" button that shows you the details of the book and you can either Rent or Order book by pressing on the respective button.

Add to Order List

You can view books you ordered by selecting the "Add to Order List" tab in the main menu. You can find all ordered books you made or scroll down the list of the books to see your orders and you can remove any book you ordered.

View Rent

Shows you all the rented books you rented and has a button “Return”.

REQUIREMENTS :

1. System Actions:

- Addition/Removal of books from the library
- Addition/Removal of members (users) from the library
- Searching for books or members
- Addition/Removal of users from the Book-Order list
- Blocking of users who return books late.
- Renting a book

2. User Types:

a) Librarians:

- Can perform all system actions.

b) Readers:

- Can search for books.
- Can add Orders to their Book-Order list.
- Can rent a book.

3. User Information:

- Each user (reader/librarian) has a unique ID and password for authentication
- User information includes:
 - ID
 - Password
 - Type (Librarian/Reader)
 - First Name
 - Last Name
 - Address
 - Cell Phone
 - Email
 - is Blocked (to indicate if the user is blocked for returning books late)

4. GUI System:

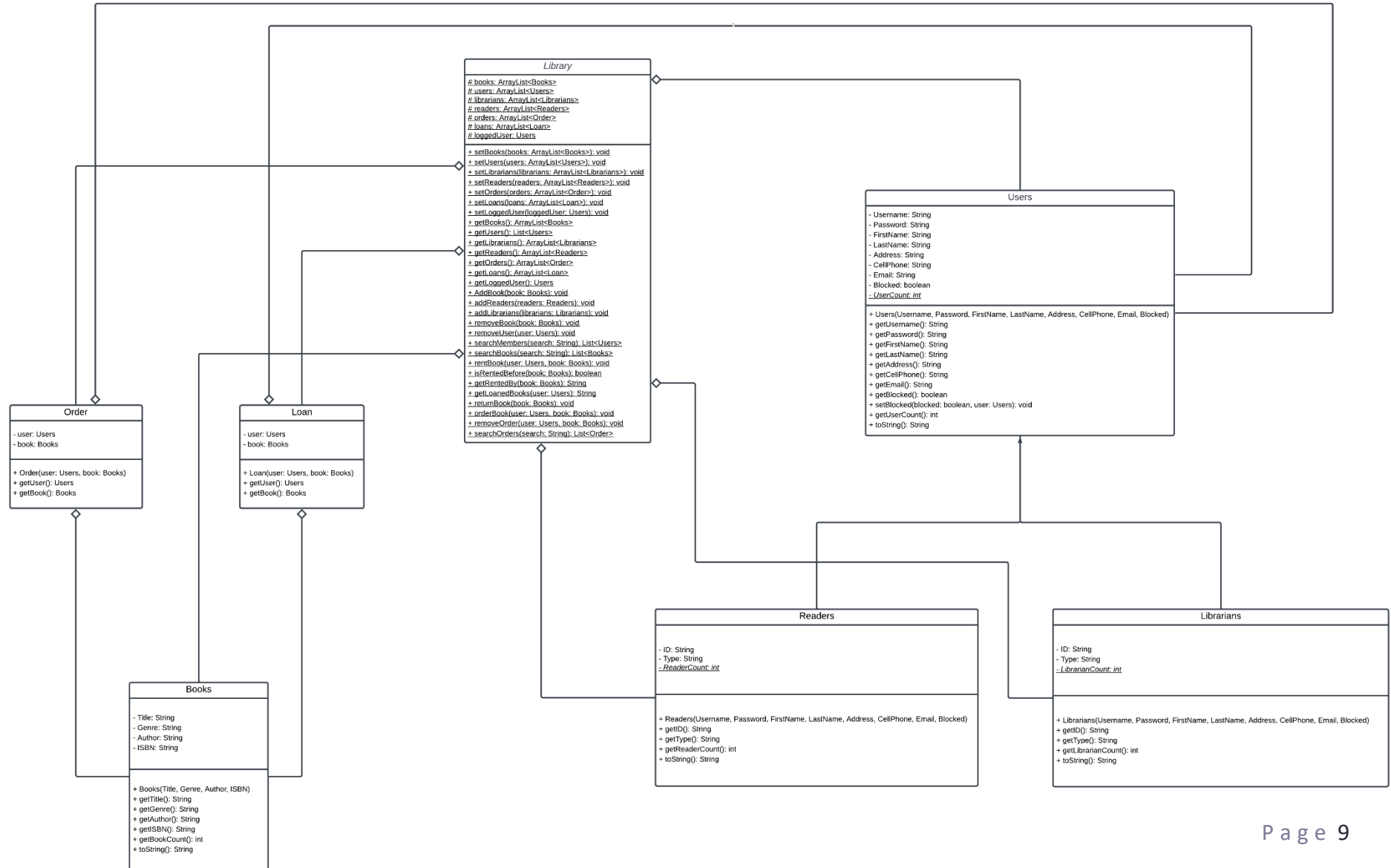
- The system should have a graphical user interface (GUI) to facilitate user interaction as shown in section GUI DESIGN

5. Project Documentation:

- The project should include documentation that covers the following:
 - Project name
 - Team members' information (ID, name, and section number)
 - UML class diagram for the project
 - GUI Design
 - Records of registered users (librarians and readers)
 - Records of books
 - Records of requests
 - Records of loaned books

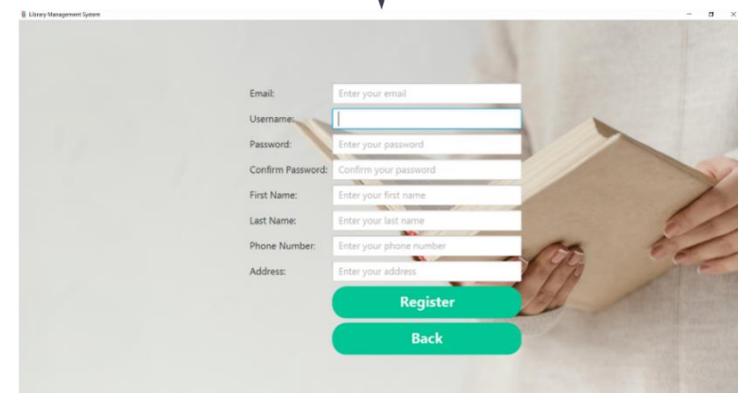
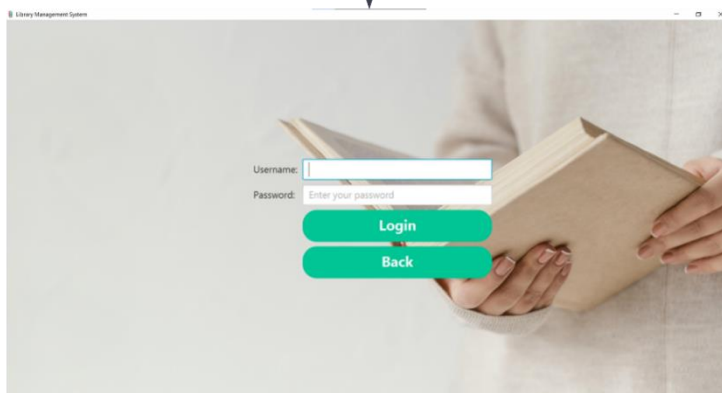
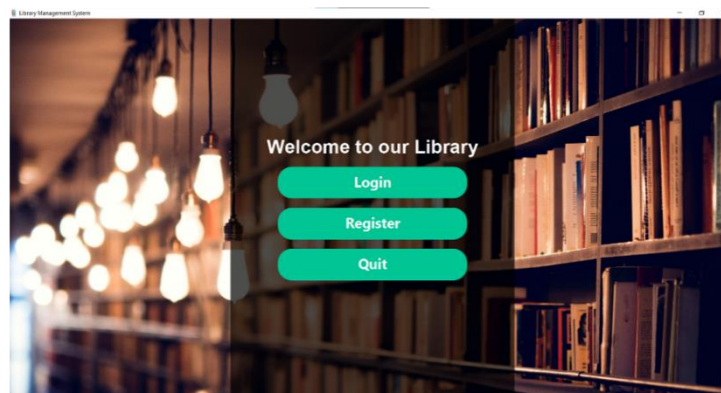
It is important to note that the above requirements are based on the given description. You may need to further analyze and specify additional details and functionalities for a complete and robust implementation of the Library Management System.

UML :

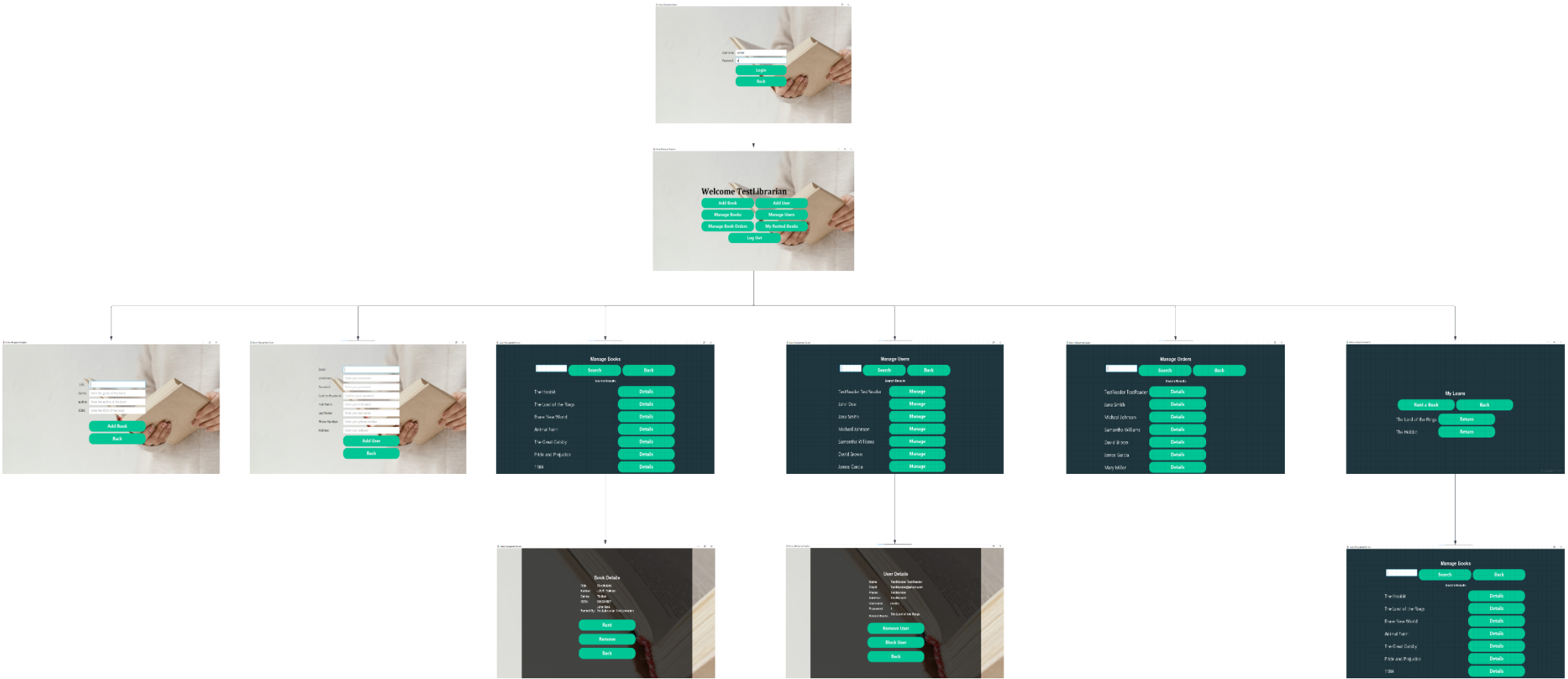


GUI DESIGN :

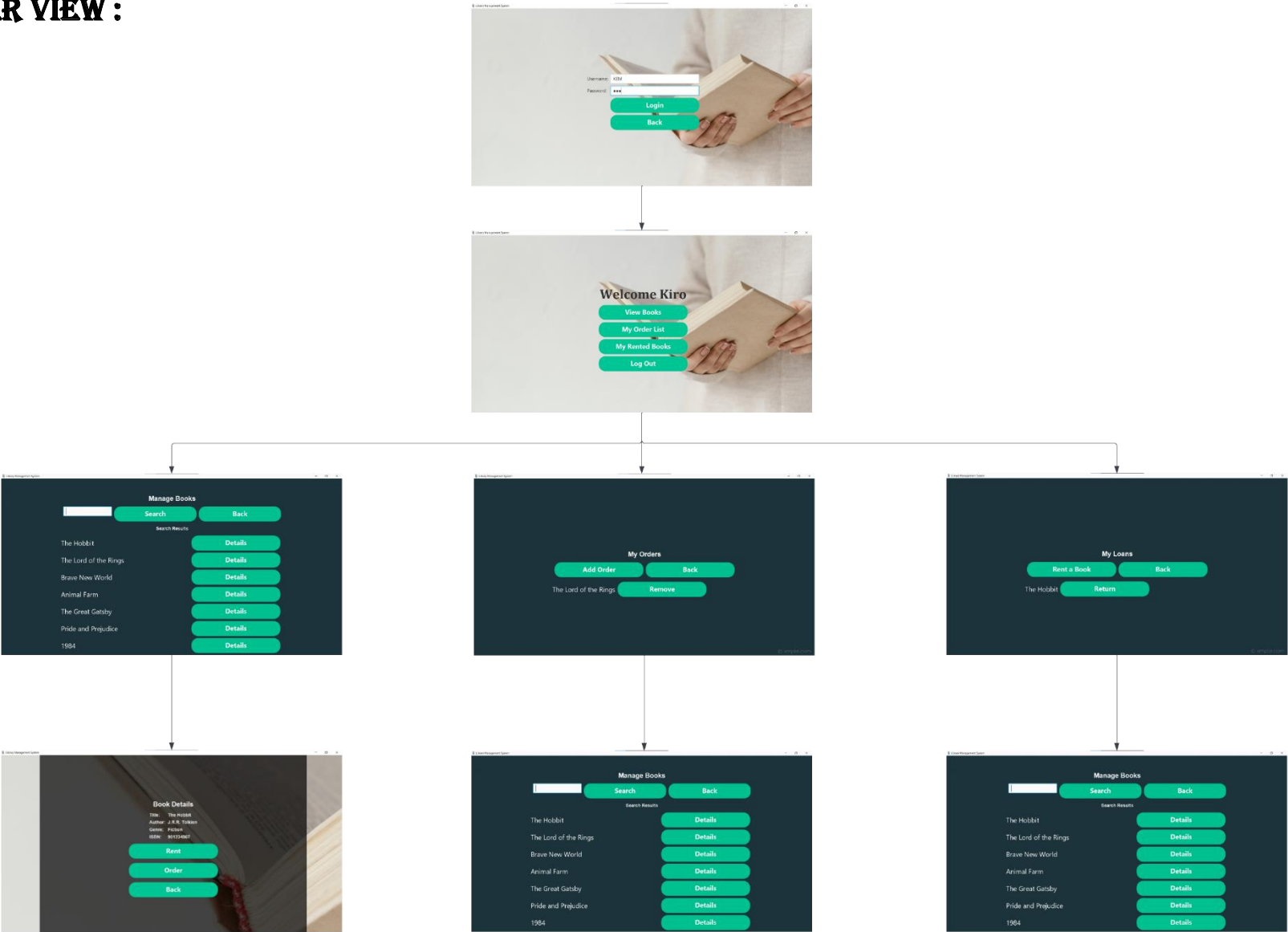
START VIEW FOR ALL USERS :



LIBRARIAN VIEW :



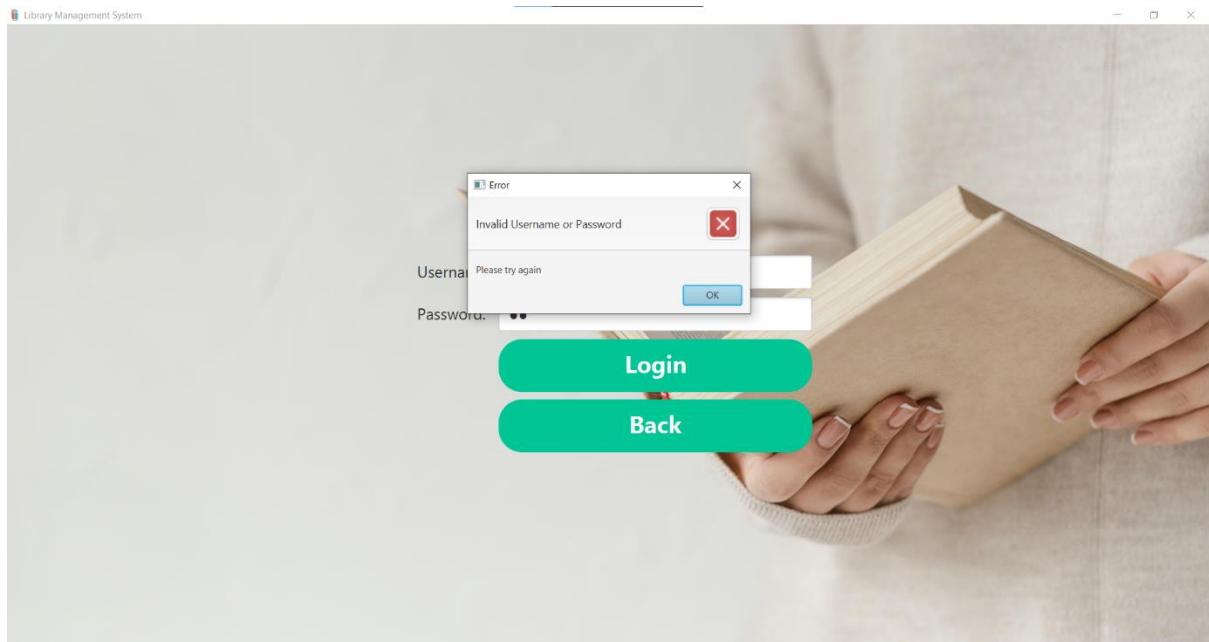
READER VIEW :



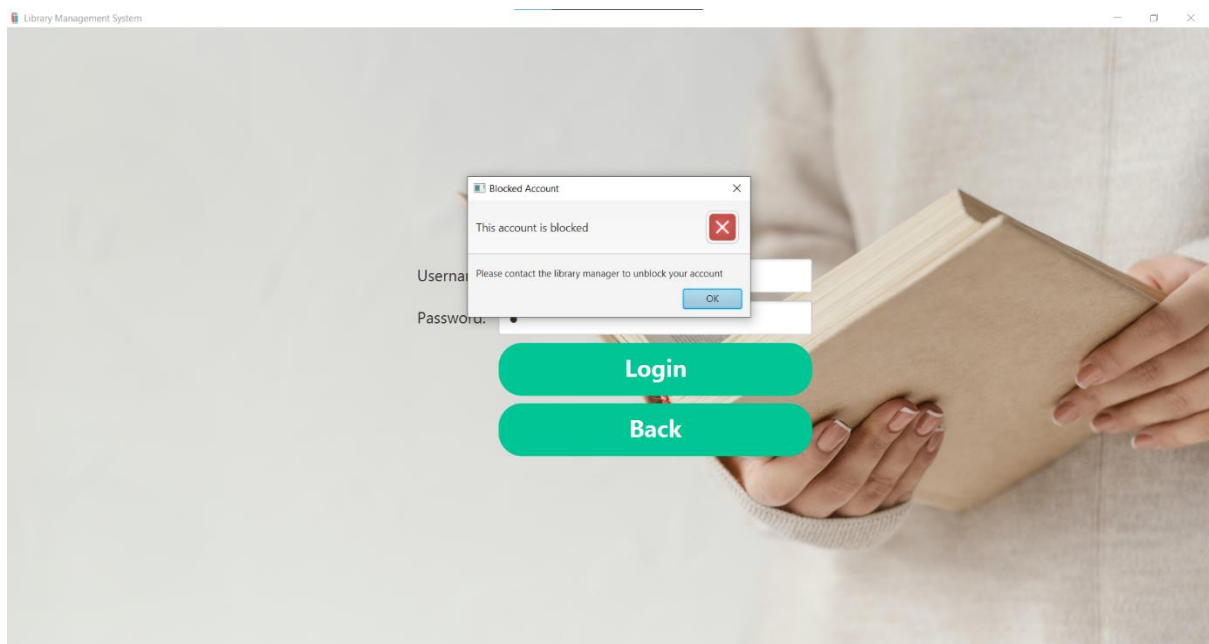
TESTING :

LOGIN PAGE :

CASE 1 : INCORRECT USERNAME OR PASSWORD :

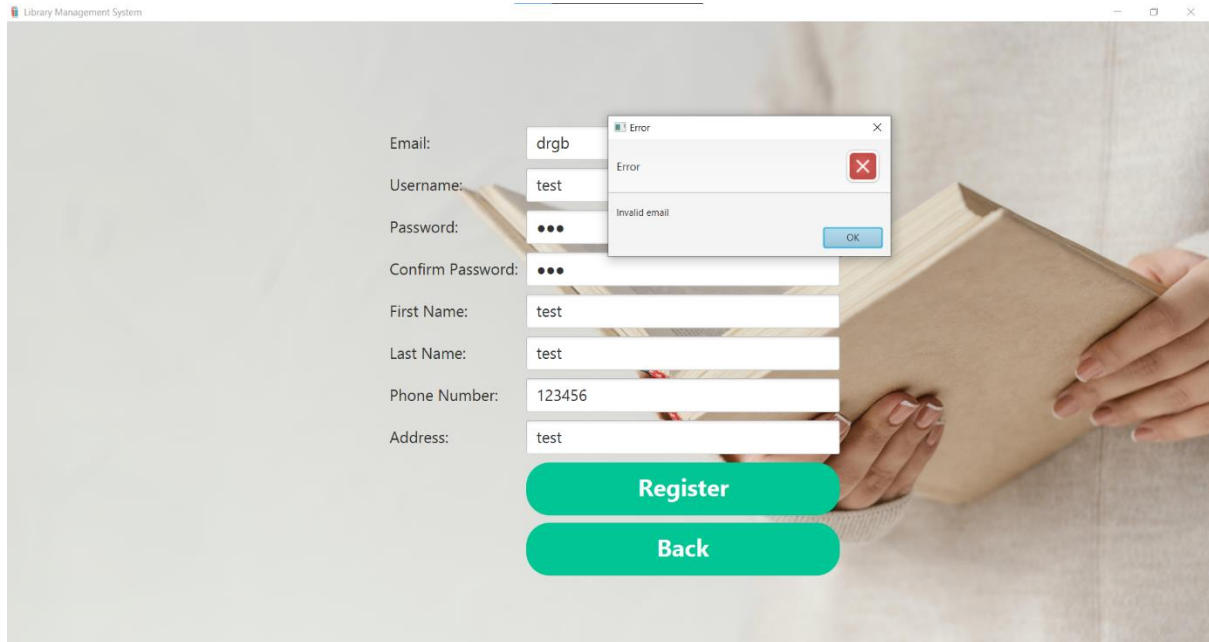


CASE 2 : YOUR ACCOUNT IS BLOCKED :



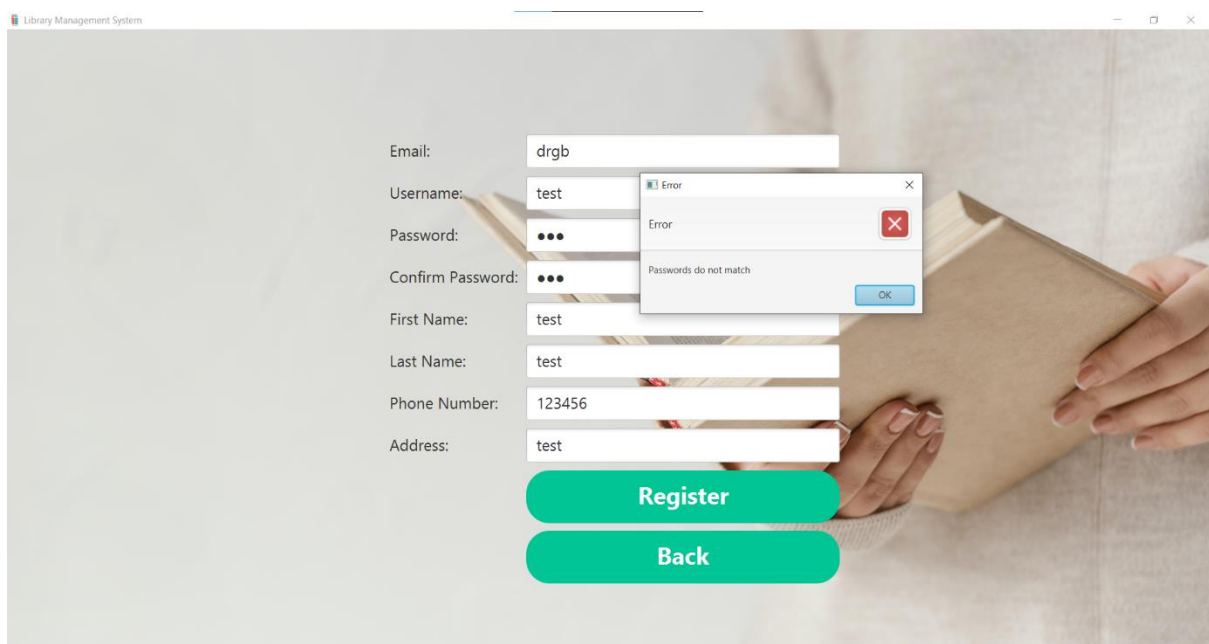
REGISTER PAGE :

CASE 1 : INVALID EMAIL FORMAT :



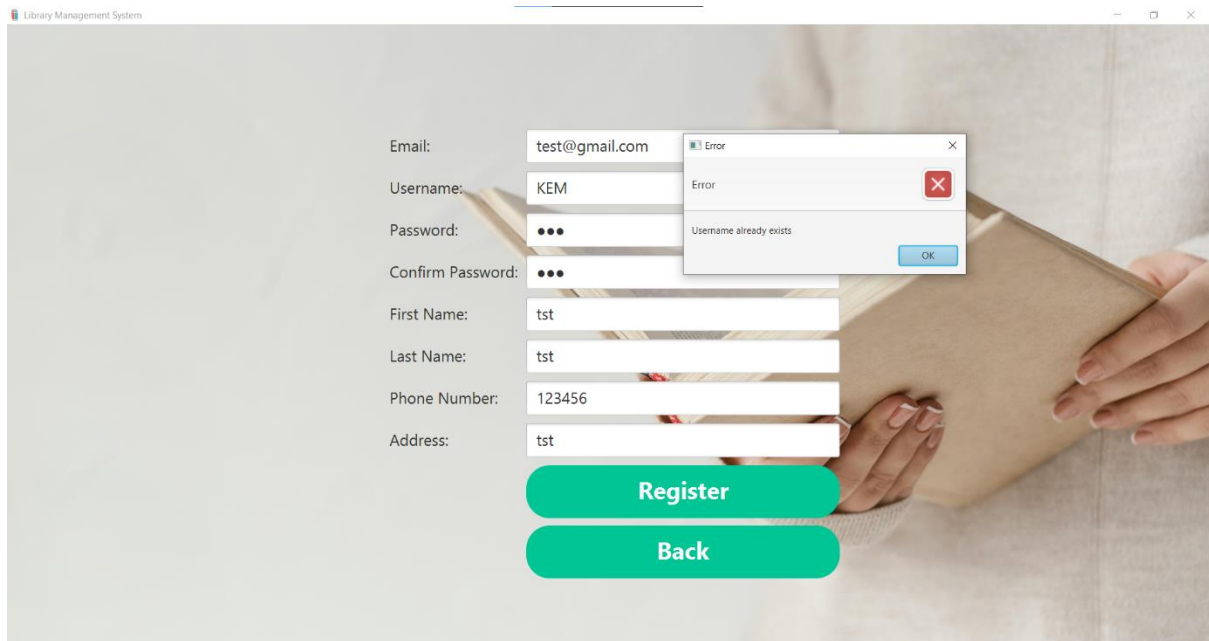
The screenshot shows the 'Library Management System' Register page. The form fields are: Email (drgb), Username (test), Password (masked with dots), Confirm Password (masked with dots), First Name (test), Last Name (test), Phone Number (123456), and Address (test). Below the fields are 'Register' and 'Back' buttons. An error dialog box is displayed over the form, titled 'Error', with the message 'Invalid email' and an 'OK' button.

CASE 2 : PASSWORD AND CONFIRM PASSWORD DO NOT MATCH :



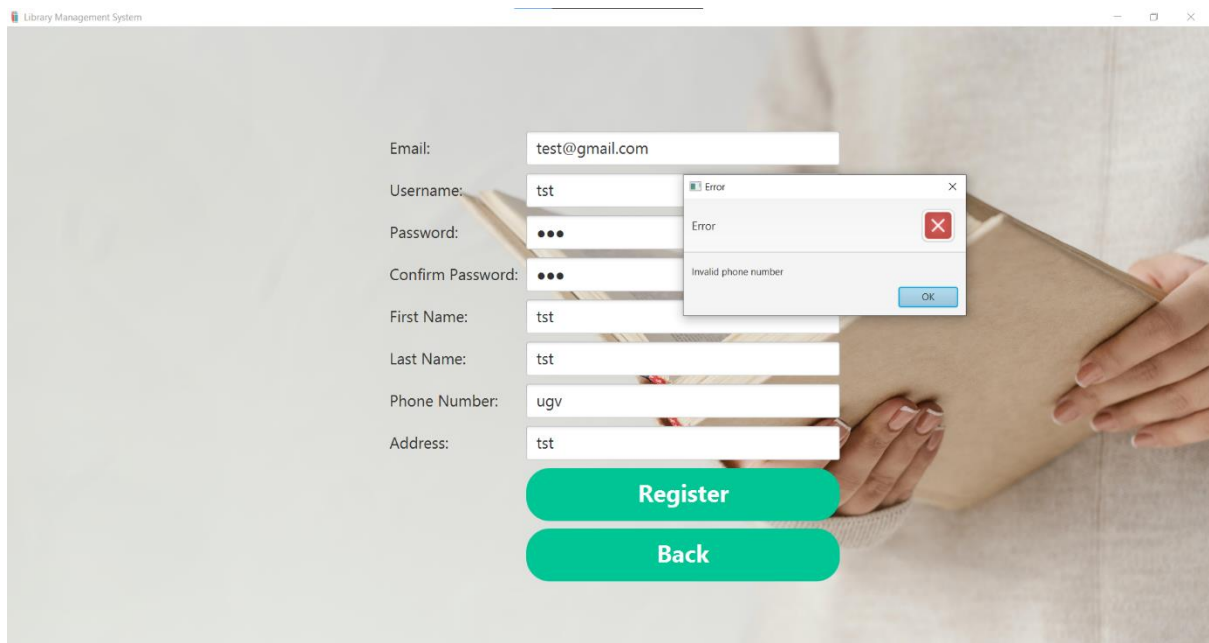
The screenshot shows the 'Library Management System' Register page. The form fields are: Email (drgb), Username (test), Password (masked with dots), Confirm Password (masked with dots), First Name (test), Last Name (test), Phone Number (123456), and Address (test). Below the fields are 'Register' and 'Back' buttons. An error dialog box is displayed over the form, titled 'Error', with the message 'Passwords do not match' and an 'OK' button.

CASE 3 : USERNAME ALREADY EXISTS :



The screenshot shows the 'Library Management System' registration interface. The form fields are: Email (test@gmail.com), Username (KEM), Password (masked with dots), Confirm Password (masked with dots), First Name (tst), Last Name (tst), Phone Number (123456), and Address (tst). Below the form are two green buttons: 'Register' and 'Back'. An error dialog box is displayed over the form, titled 'Error', with the message 'Username already exists' and an 'OK' button.

CASE 4 : PHONE NUMBER IS A STRING :



The screenshot shows the 'Library Management System' registration interface. The form fields are: Email (test@gmail.com), Username (tst), Password (masked with dots), Confirm Password (masked with dots), First Name (tst), Last Name (tst), Phone Number (ugv), and Address (tst). Below the form are two green buttons: 'Register' and 'Back'. An error dialog box is displayed over the form, titled 'Error', with the message 'Invalid phone number' and an 'OK' button.

CASE 5 : SUCCESSFUL REGISTRATION :

The screenshot shows a web application window titled "Library Management System". The registration form is filled out with the following details:

- Email: test@gmail.com
- Username: tst
- Password: (masked with dots)
- Confirm Password: (masked with dots)
- First Name: tst
- Last Name: tst
- Phone Number: 123456
- Address: tst

Below the form are two green buttons: "Register" and "Back". A "Success" dialog box is displayed over the form, containing the message: "You have successfully registered Your Username is: R25tt". The dialog box has an "OK" button.

CASE 6 : INPUT FIELD IS MISSING :

The screenshot shows the same web application window titled "Library Management System". The registration form is partially filled out:

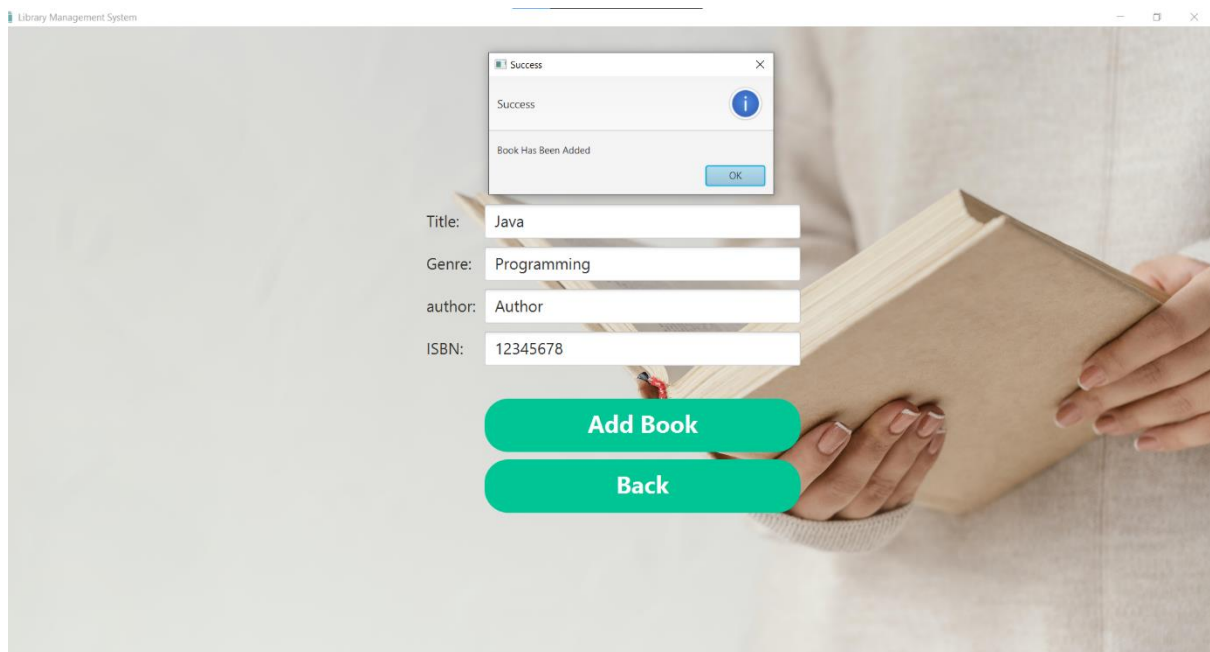
- Email: Enter your email
- Username: tst
- Password: (masked with dots)
- Confirm Password: (masked with dots)
- First Name: test
- Last Name: test
- Phone Number: 123456
- Address: Enter your address

Below the form are two green buttons: "Register" and "Back". An "Error" dialog box is displayed over the form, containing the message: "Please fill in all the fields". The dialog box has an "OK" button.

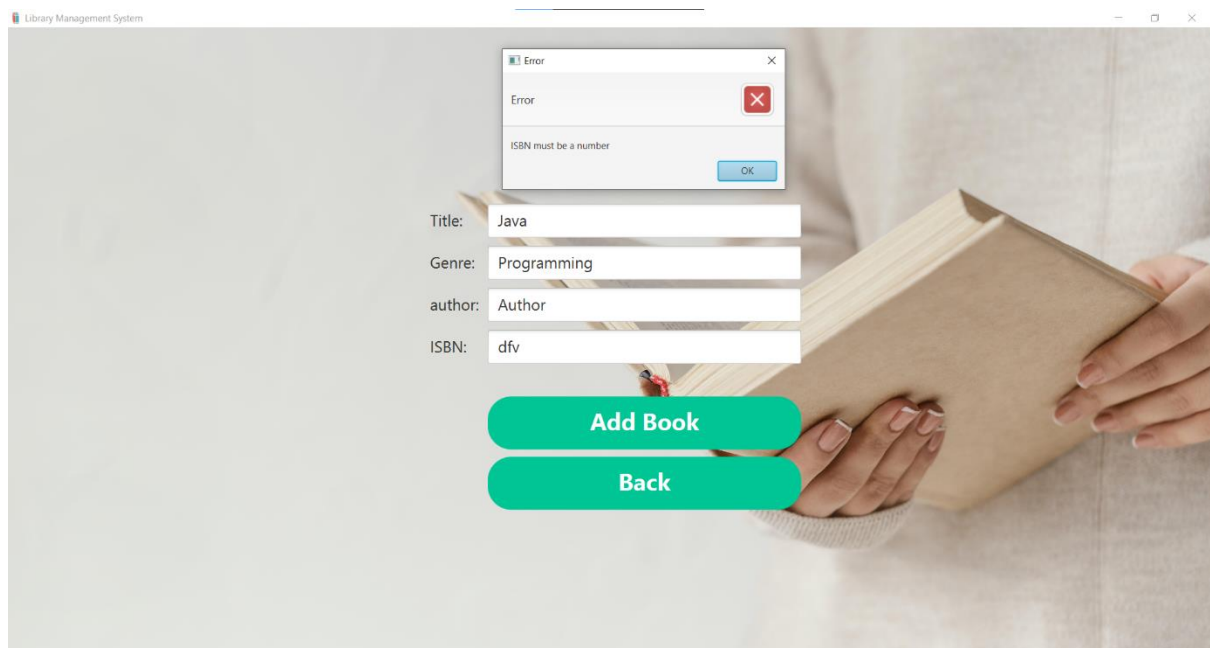
TESTING AS A LIBRARIAN :

ADD BOOK :

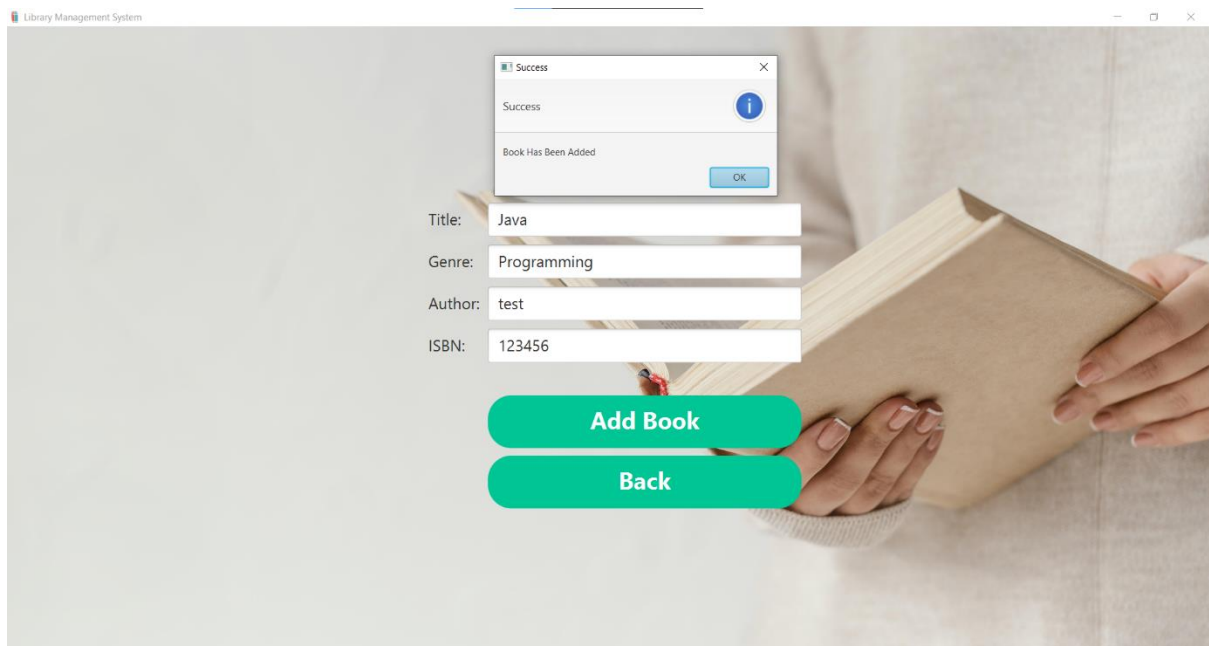
CASE 1: SUCCESSFUL ADDITION :



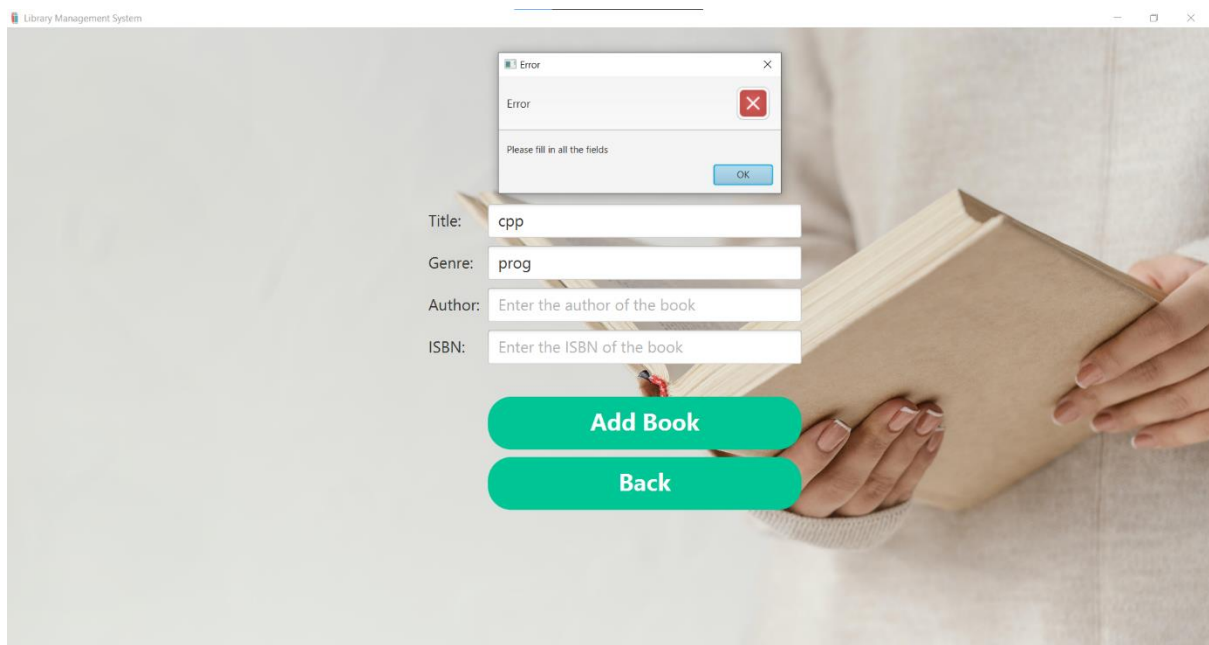
CASE 2 : ISBN INPUT IS A STRING :



CASE 3 : SUCCESSFUL BOOK ADDITION :

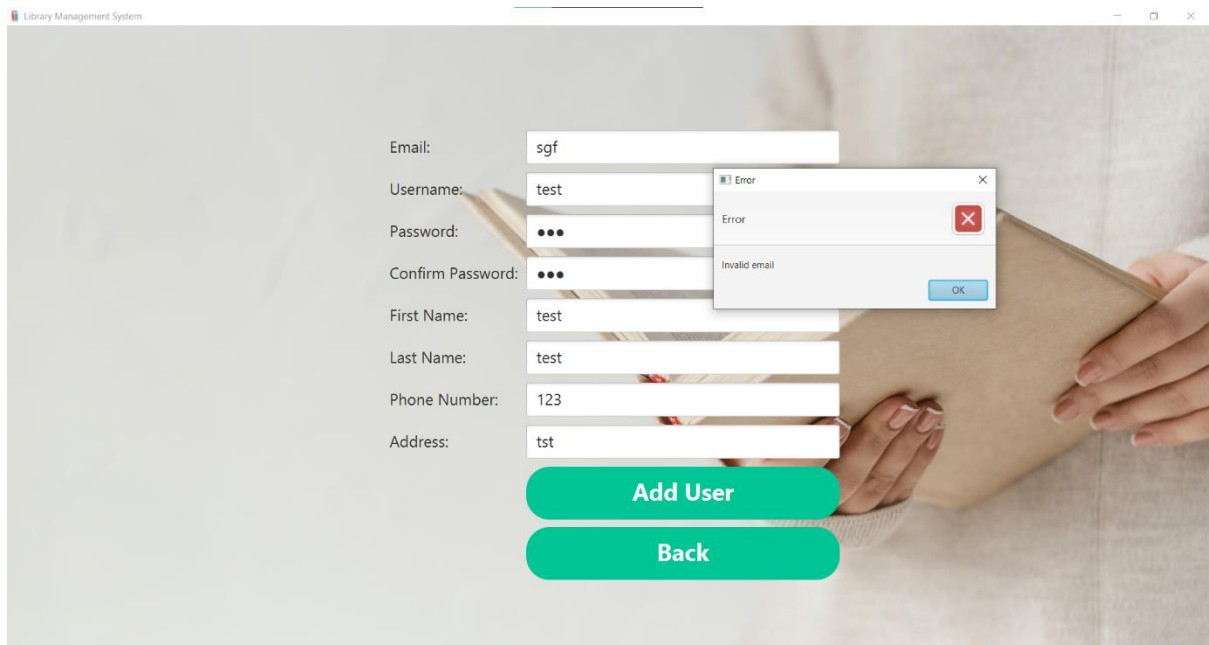


CASE 4 : INPUT FIELD IS MISSING :



ADD USER PAGE :

CASE 1 : INVALID EMAIL FORMAT :

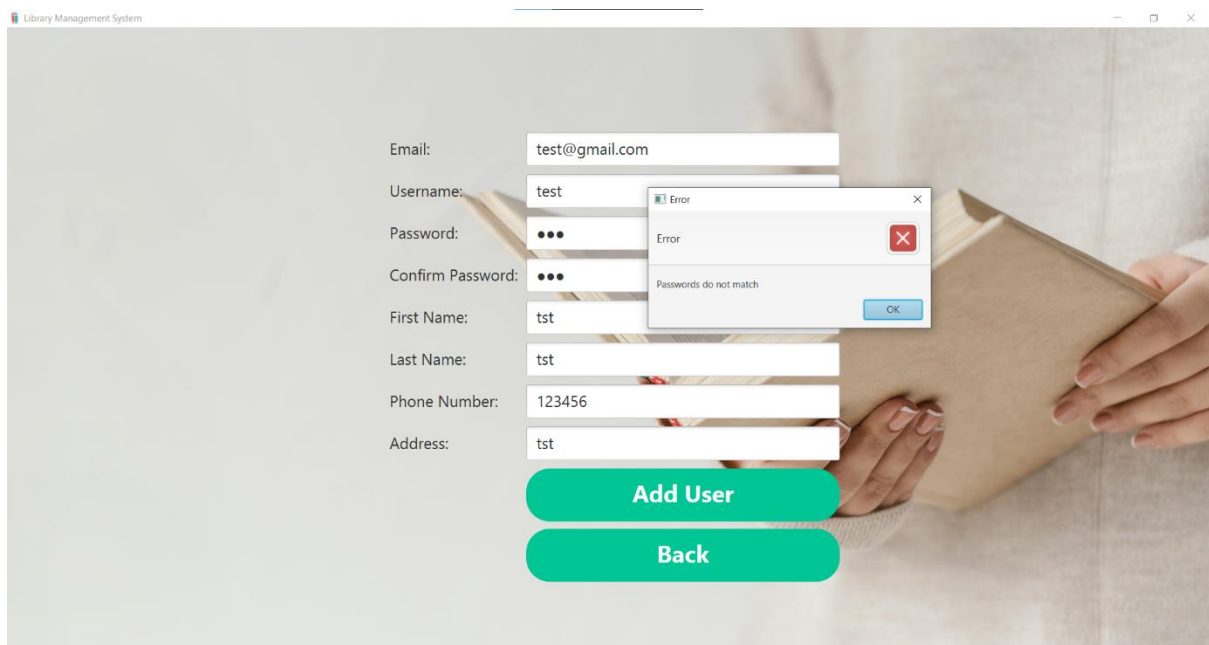


The screenshot shows the 'Add User' page of a 'Library Management System'. The page has a light gray background with a faint image of hands holding a book. The form fields are as follows:

- Email: sgf
- Username: test
- Password: ●●●
- Confirm Password: ●●●
- First Name: test
- Last Name: test
- Phone Number: 123
- Address: tst

At the bottom of the form are two green buttons: 'Add User' and 'Back'. An error dialog box is open over the form, titled 'Error', with the message 'Invalid email' and an 'OK' button.

CASE 2 : PASSWORD AND CONFIRM PASSWORD DO NOT MATCH :



The screenshot shows the 'Add User' page of a 'Library Management System'. The form fields are as follows:

- Email: test@gmail.com
- Username: test
- Password: ●●●
- Confirm Password: ●●●
- First Name: tst
- Last Name: tst
- Phone Number: 123456
- Address: tst

At the bottom of the form are two green buttons: 'Add User' and 'Back'. An error dialog box is open over the form, titled 'Error', with the message 'Passwords do not match' and an 'OK' button.

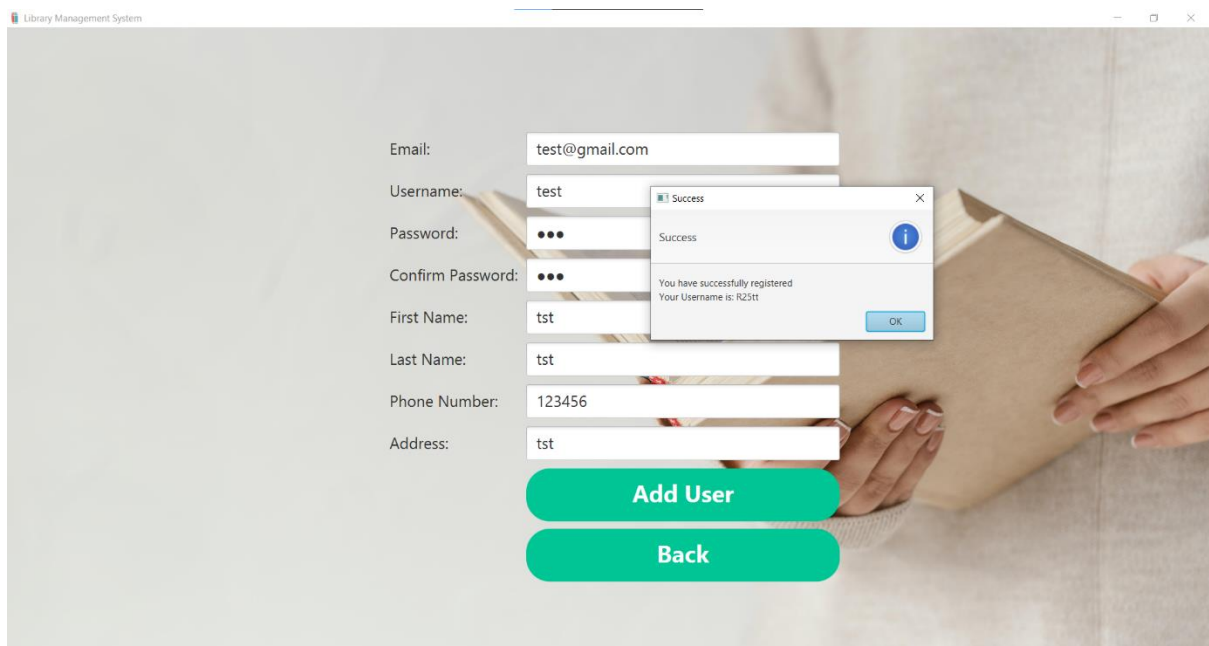
CASE 3 : USERNAME ALREADY EXISTS :

The screenshot shows a web application window titled "Library Management System". It contains a registration form with the following fields: Email (test@gmail.com), Username (KEM), Password (masked with dots), Confirm Password (masked with dots), First Name (tst), Last Name (tst), Phone Number (123456), and Address (tst). Below the form are two green buttons: "Add User" and "Back". An error dialog box is displayed over the form, titled "Error", with the message "Username already exists" and an "OK" button.

CASE 4 : INVALID PHONE NUMBER :

The screenshot shows the same "Library Management System" registration form. The fields are: Email (test@gmail.com), Username (test), Password (masked with dots), Confirm Password (masked with dots), First Name (tst), Last Name (tst), Phone Number (fdfd), and Address (tst). The "Add User" and "Back" buttons are still present. An error dialog box is displayed, titled "Error", with the message "Invalid phone number" and an "OK" button.

CASE 5 : SUCCESSFUL ADDITION :



Library Management System

Email: test@gmail.com

Username: test

Password: ●●●

Confirm Password: ●●●

First Name: tst

Last Name: tst

Phone Number: 123456

Address: tst

Add User

Back

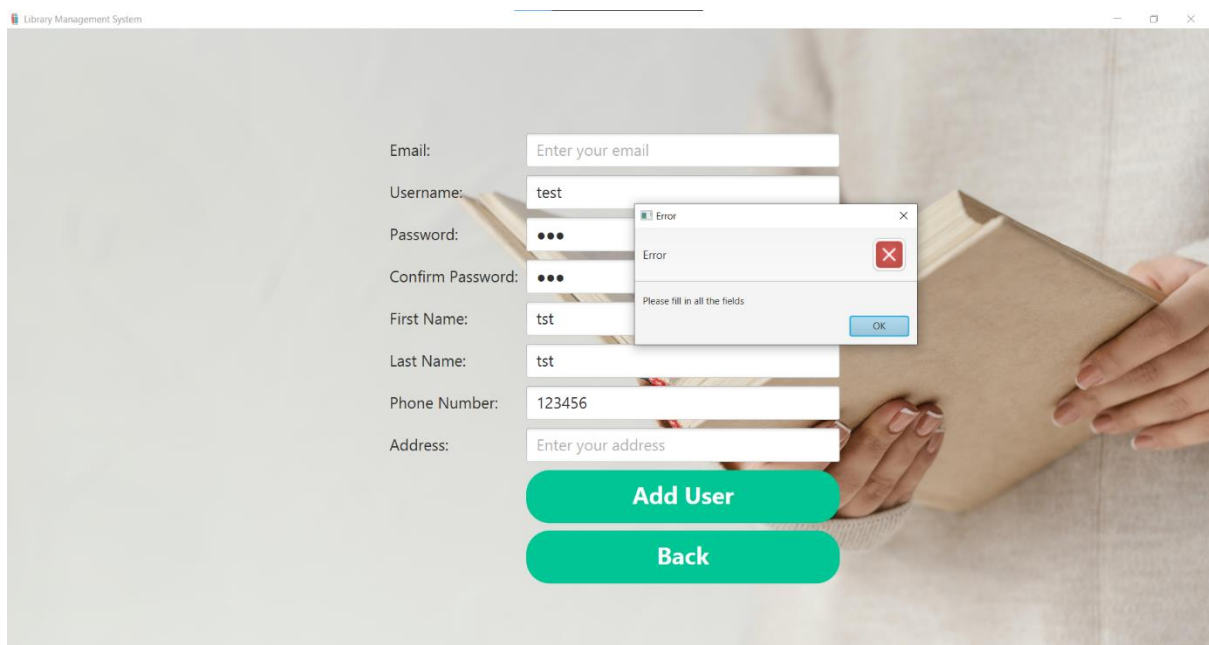
Success

Success

You have successfully registered
Your Username is: R23tt

OK

CASE 6 : INPUT FIELD IS MISSING :



Library Management System

Email: Enter your email

Username: test

Password: ●●●

Confirm Password: ●●●

First Name: tst

Last Name: tst

Phone Number: 123456

Address: Enter your address

Add User

Back

Error

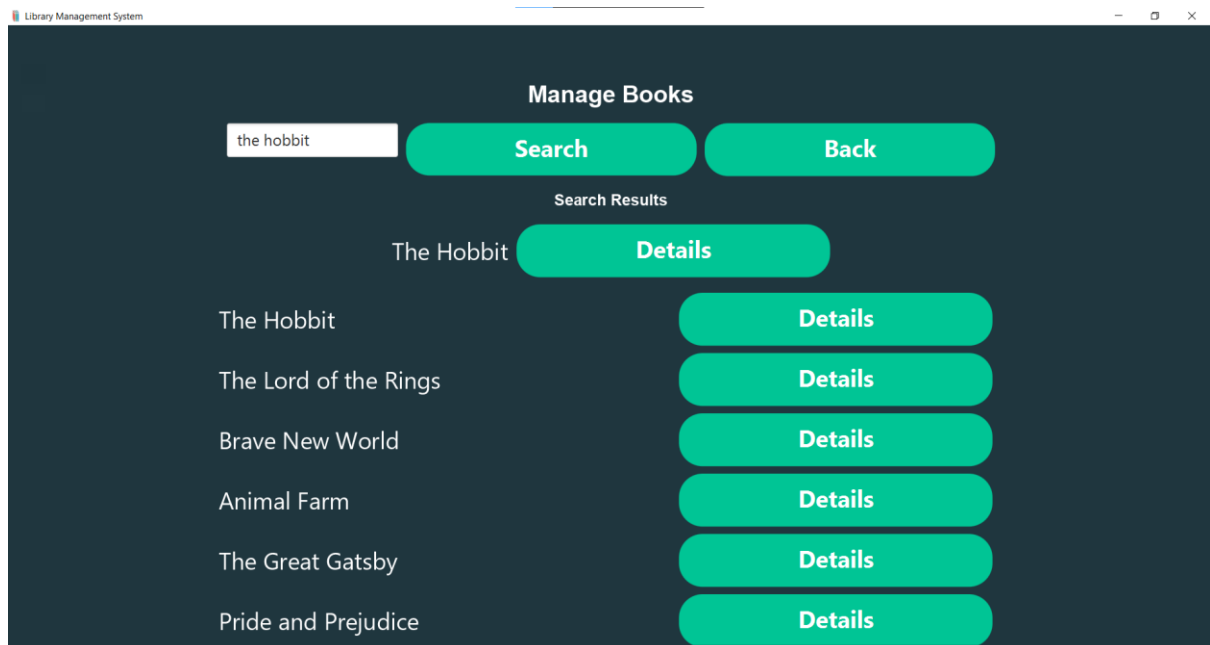
Error

Please fill in all the fields

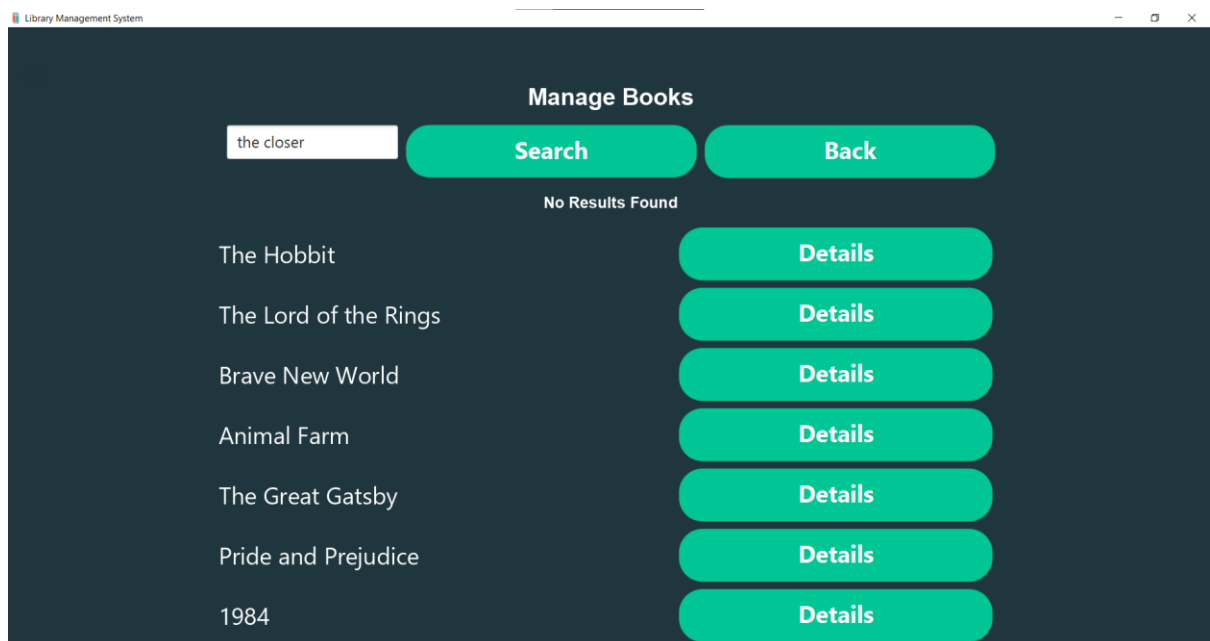
OK

MANAGE BOOKS PAGE :

CASE 1: FINDING RESULTS FOUND :

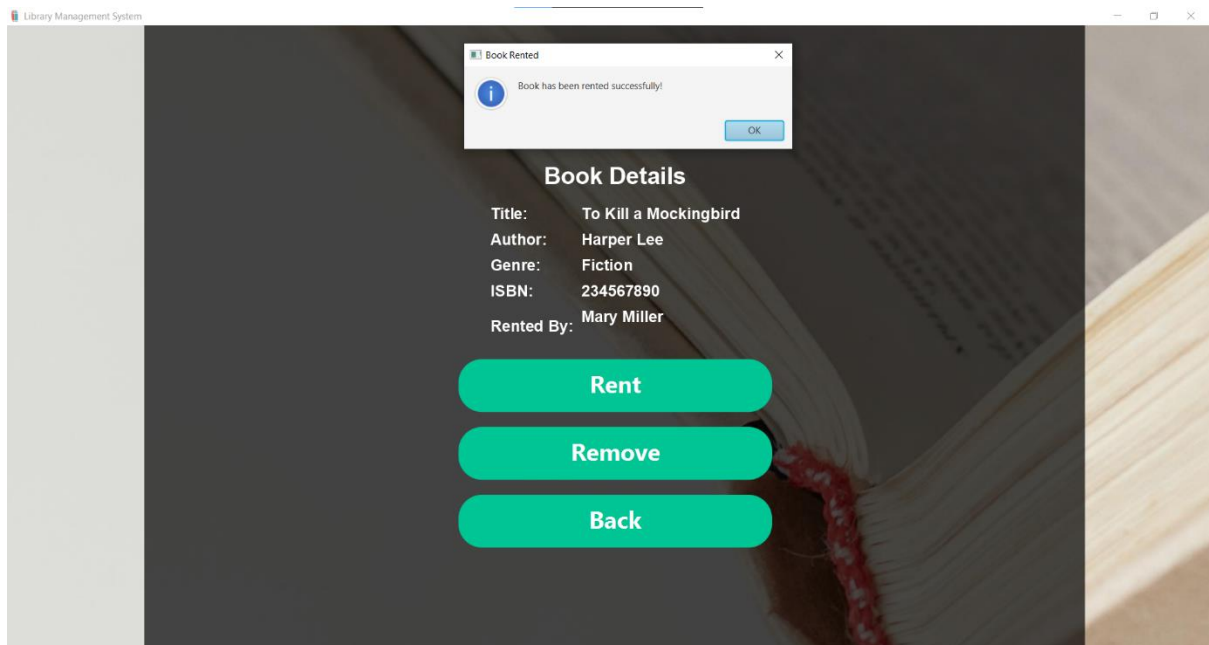


CASE 2 : NO RESULTS FOUND :

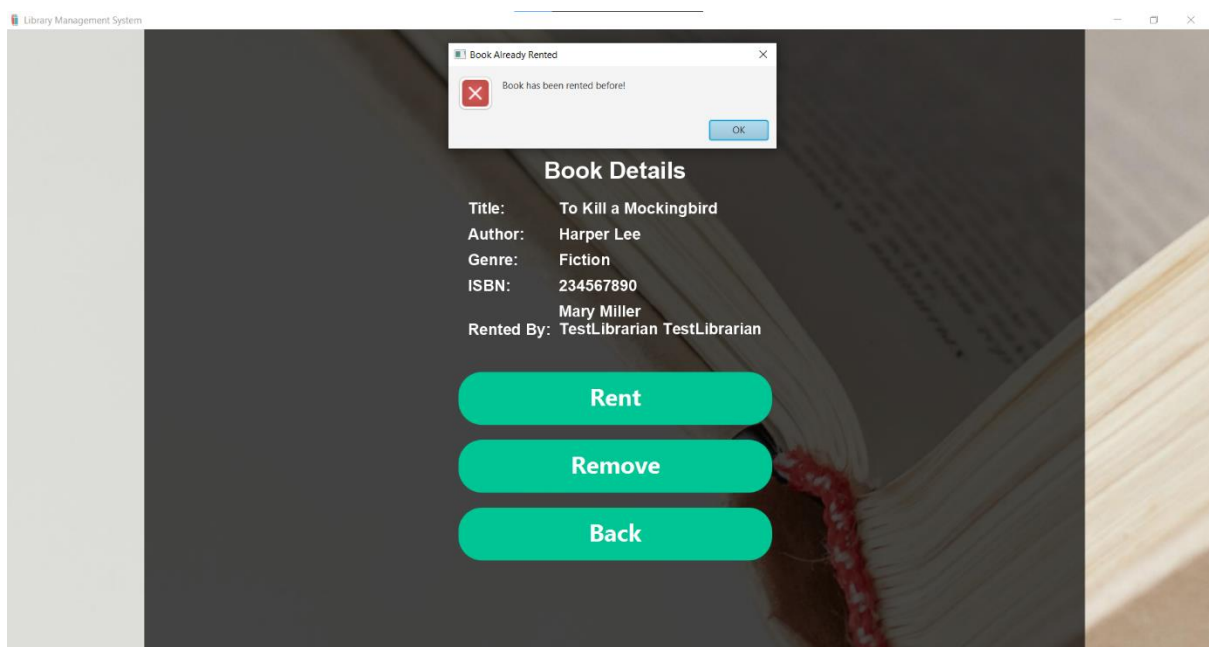


BOOK DETAILS :

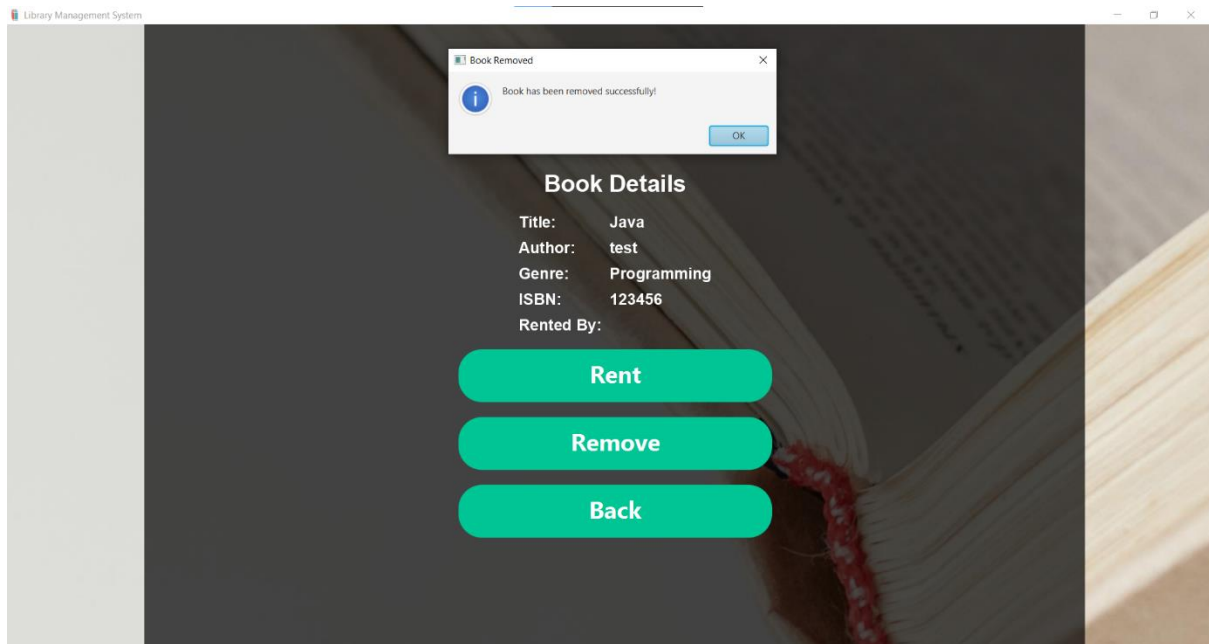
CASE 1 : RENTING A BOOK FOR THE FIRST TIME :



CASE 2 : RENTING THE SAME BOOK FOR THE SECOND TIME :



CASE 3 : REMOVING BOOK :



MANAGE USERS PAGE :

CASE 1 : SEARCH RESULTS FOUND :

Library Management System

Manage Users

Search Back

Search Results

| | |
|-----------------------|-------------------------|
| James Garcia | <button>Manage</button> |
| TestReader TestReader | <button>Manage</button> |
| John Doe | <button>Manage</button> |
| Jane Smith | <button>Manage</button> |
| Michael Johnson | <button>Manage</button> |
| Samantha Williams | <button>Manage</button> |
| David Brown | <button>Manage</button> |

CASE 2 : NO RESULTS FOUND :

Library Management System

Manage Users

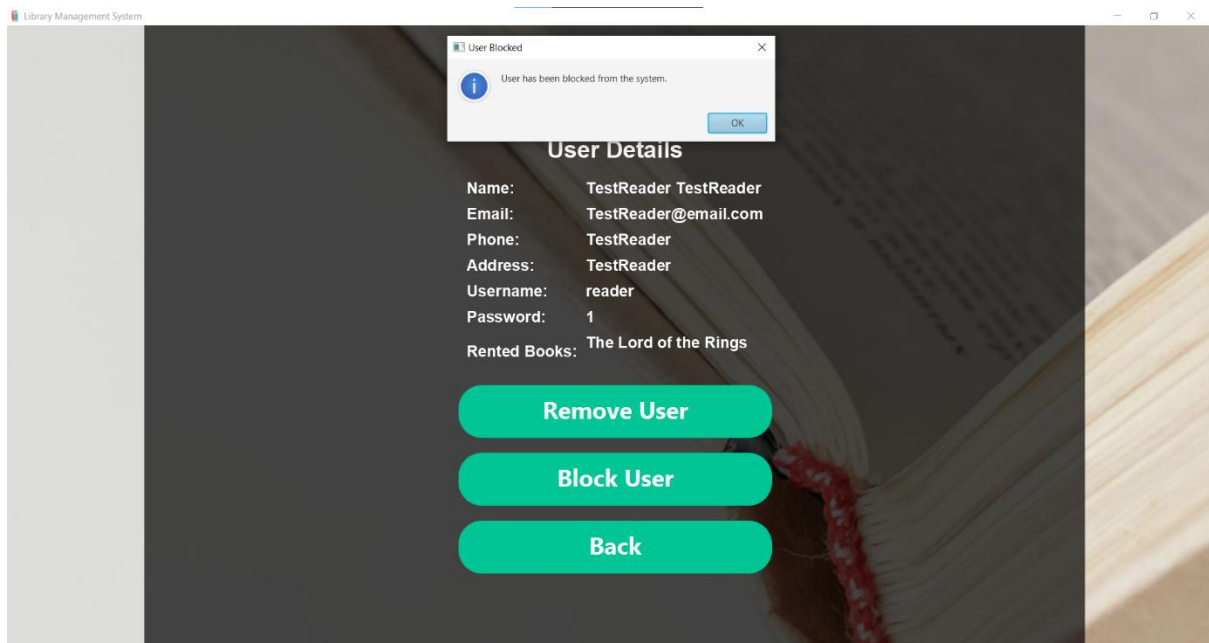
Search Back

No Results Found

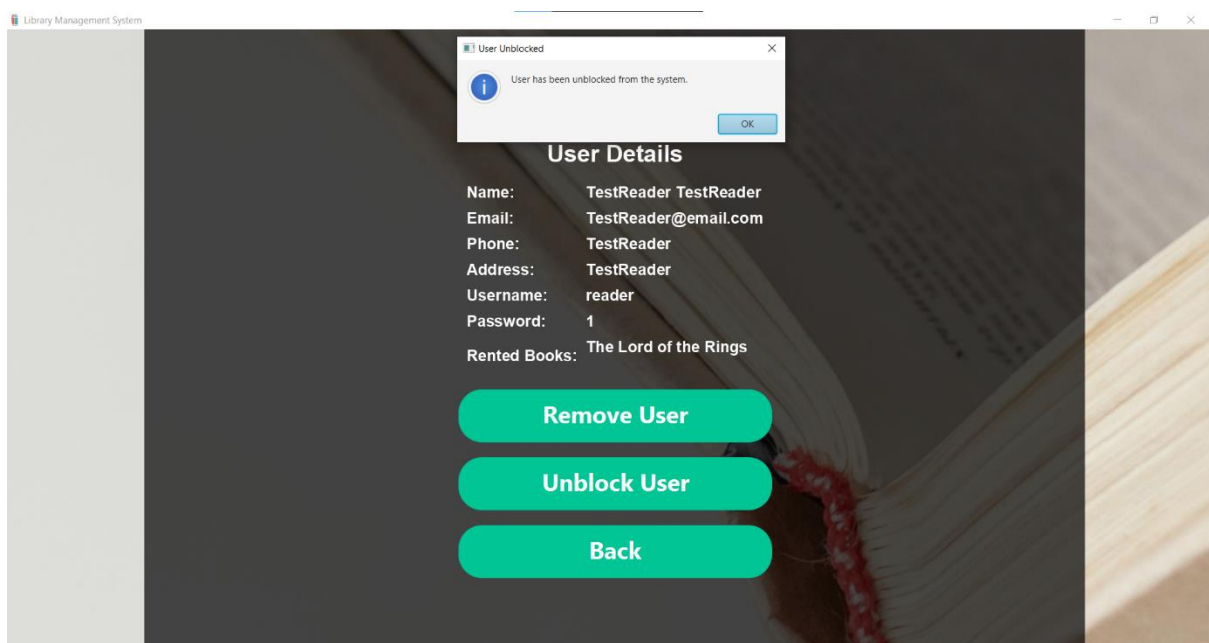
| | |
|-----------------------|-------------------------|
| TestReader TestReader | <button>Manage</button> |
| John Doe | <button>Manage</button> |
| Jane Smith | <button>Manage</button> |
| Michael Johnson | <button>Manage</button> |
| Samantha Williams | <button>Manage</button> |
| David Brown | <button>Manage</button> |
| James Garcia | <button>Manage</button> |

USER DETAILS PAGE

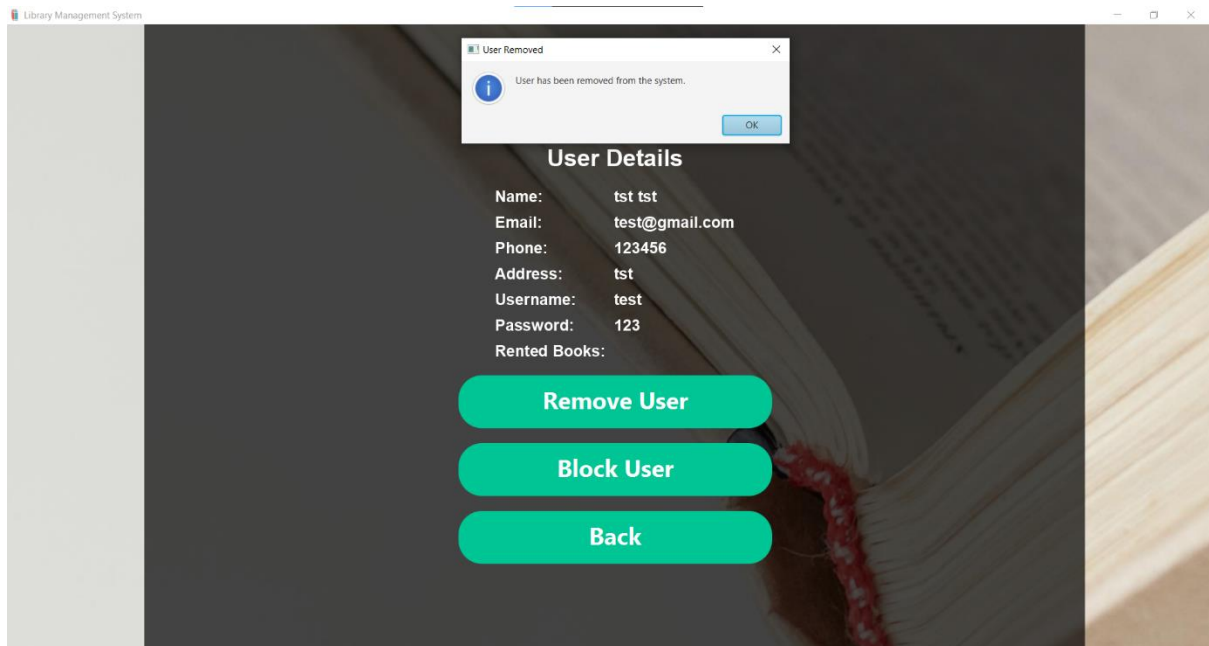
CASE 1 : BLOCKING USER :



CASE 2 : UNBLOCKING :



CASE 3 : REMOVING THE USER :



MANAGE ORDERS PAGE :

CASE 1 : SEARCH RESULTS FOUND :

Library Management System

Manage Orders

[Search](#) [Back](#)

Search Results

Michael Johnson [Details](#)

| | |
|-----------------------|-------------------------|
| TestReader TestReader | Details |
| Jane Smith | Details |
| Michael Johnson | Details |
| Samantha Williams | Details |
| David Brown | Details |
| James Garcia | Details |

CASE 2 : NO RESULTS FOUND :

Library Management System

Manage Orders

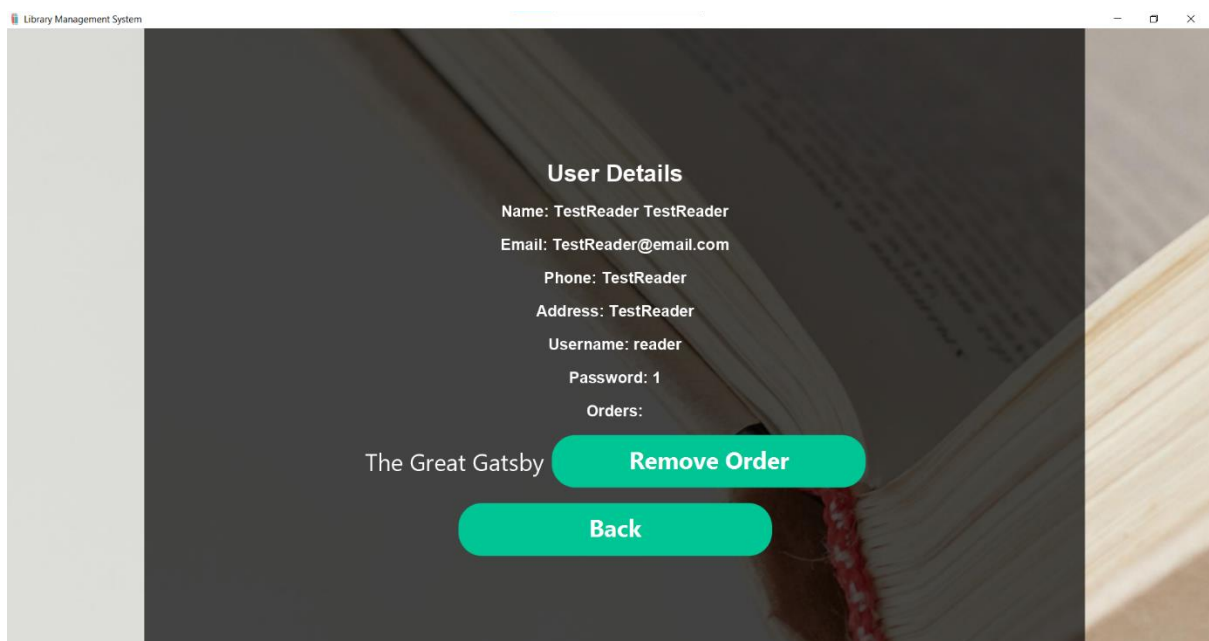
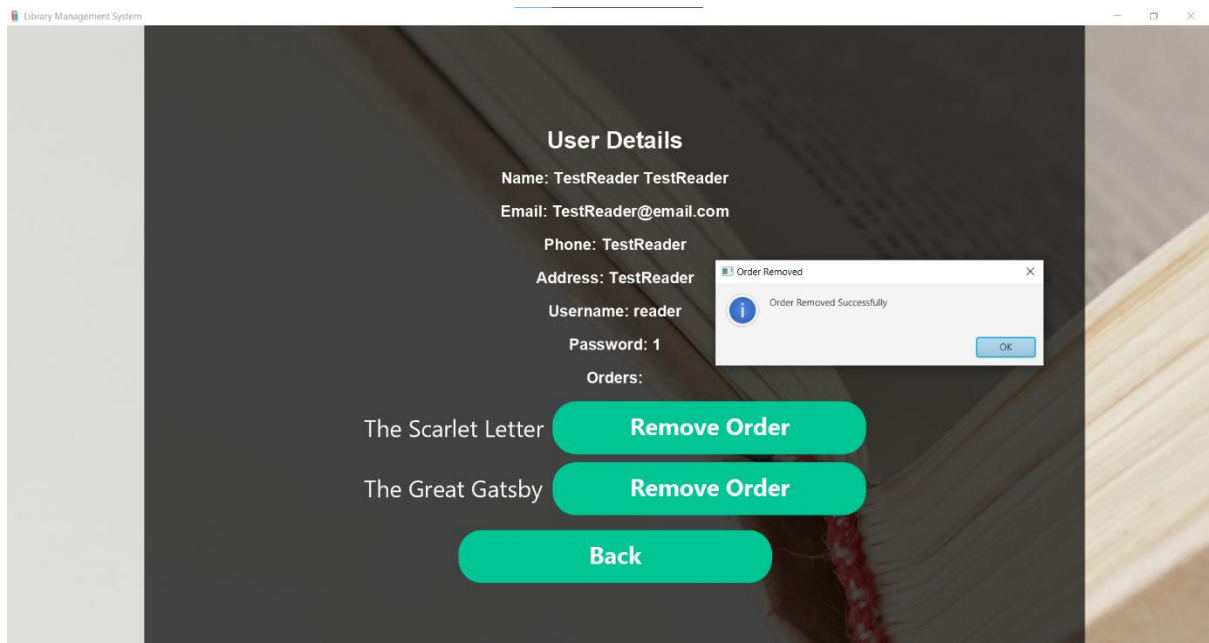
[Search](#) [Back](#)

No Results Found

| | |
|-----------------------|-------------------------|
| TestReader TestReader | Details |
| Jane Smith | Details |
| Michael Johnson | Details |
| Samantha Williams | Details |
| David Brown | Details |
| James Garcia | Details |
| Mary Miller | Details |

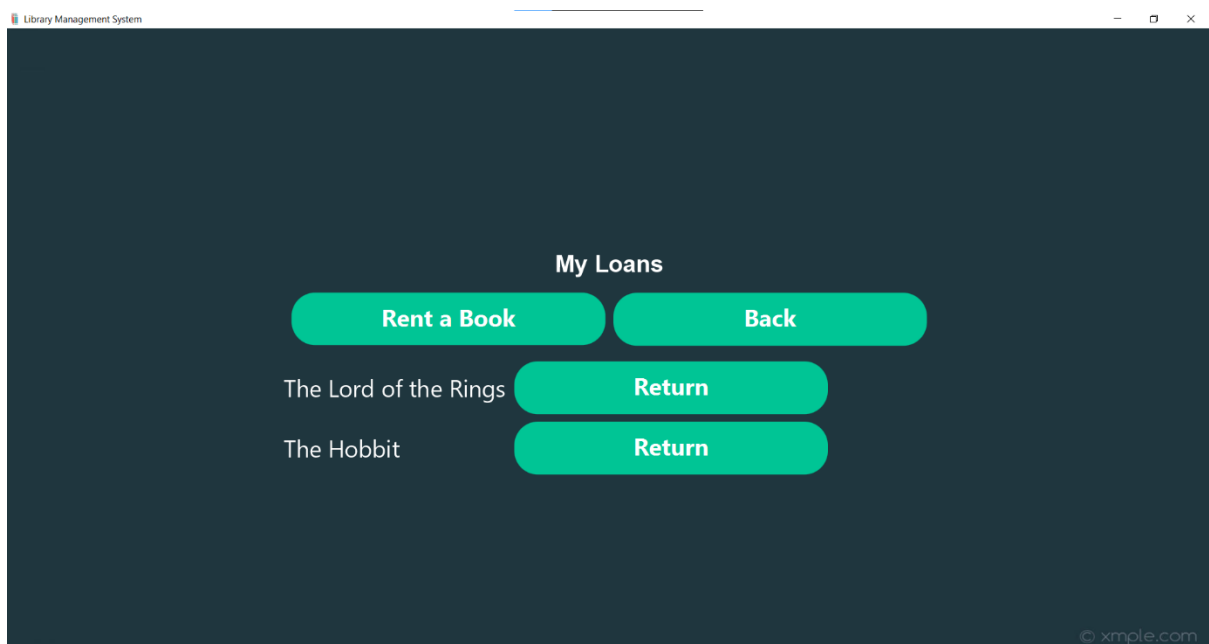
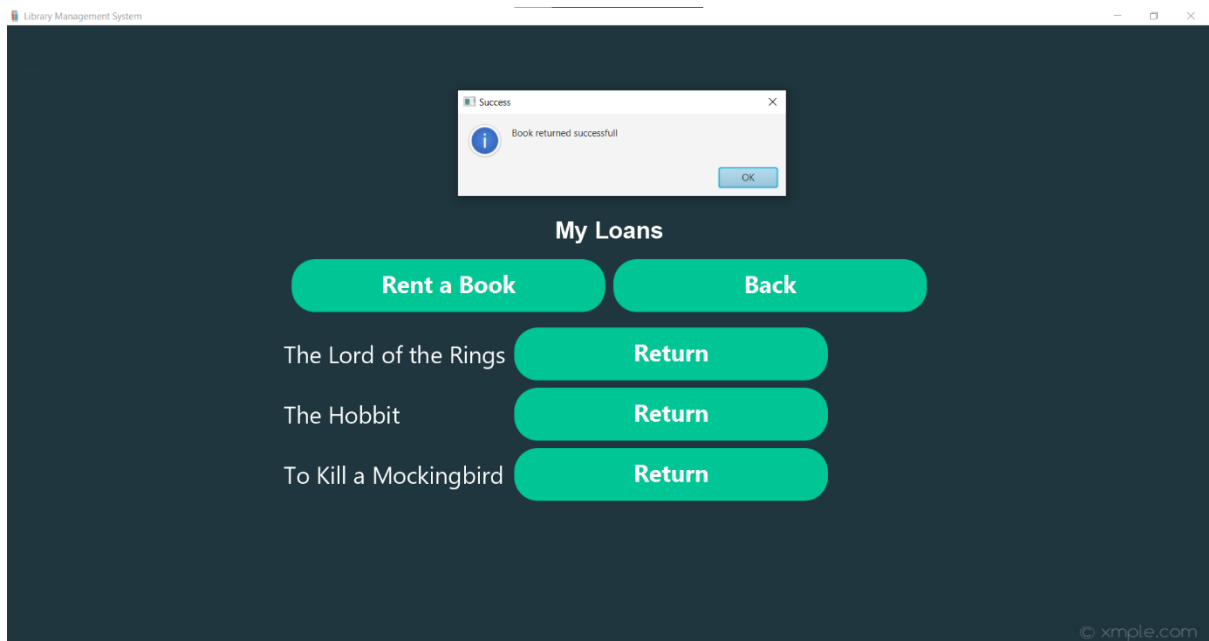
ORDER USER DETAILS PAGE :

CASE : REMOVING ORDER :



MY RENTED BOOKS PAGE :

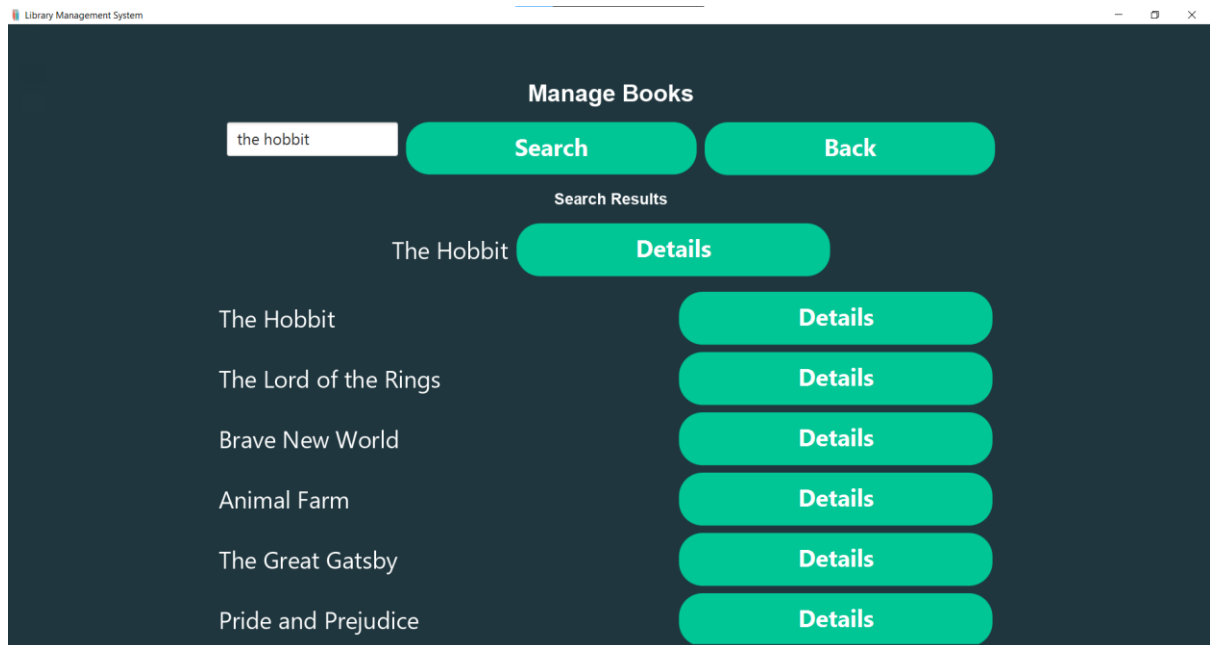
CASE : RETURNING A BOOK :



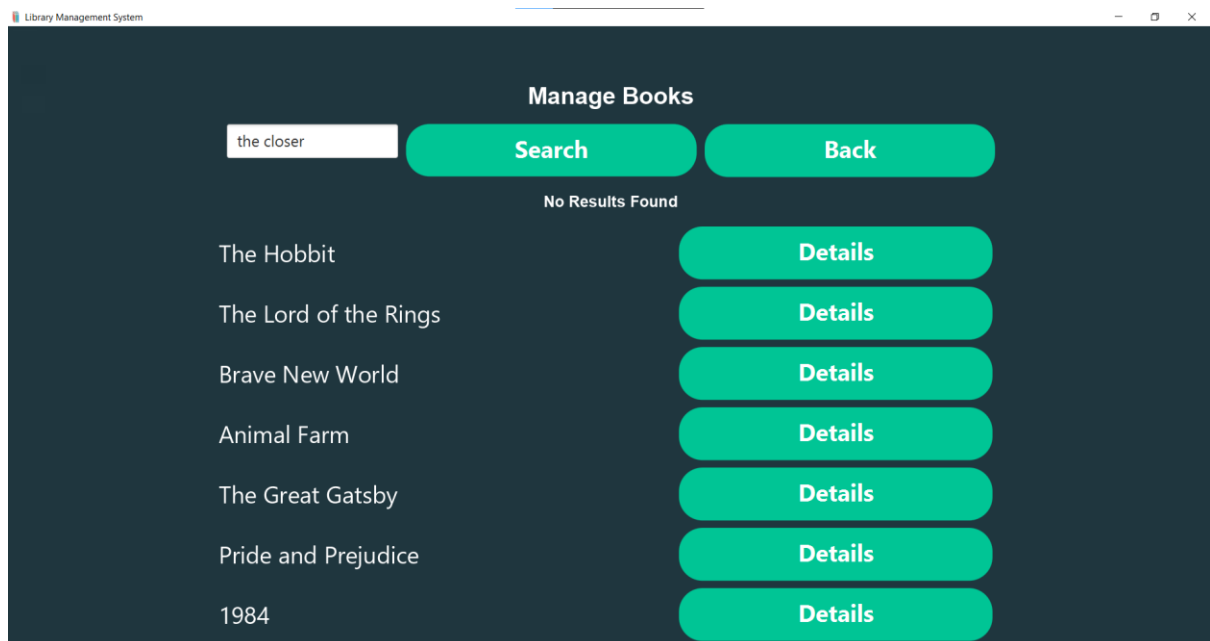
TESTING AS A READER :

MANAGE BOOKS PAGE :

CASE 1: FINDING RESULTS FOUND :

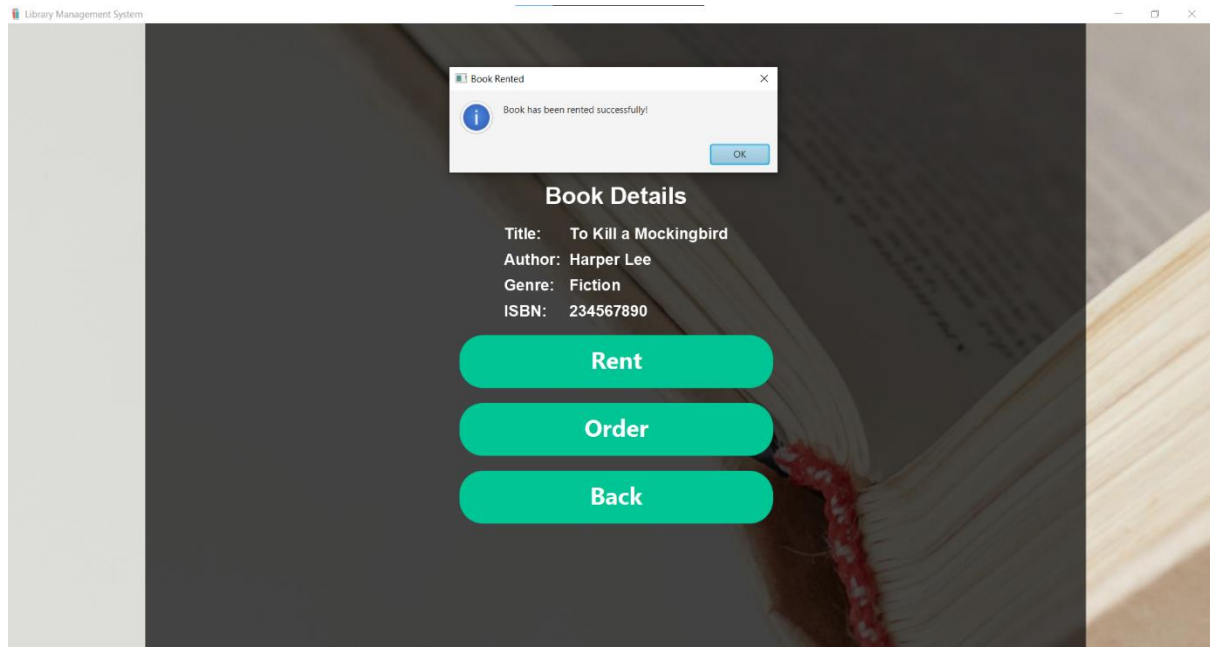


CASE 2 : NO RESULTS FOUND :

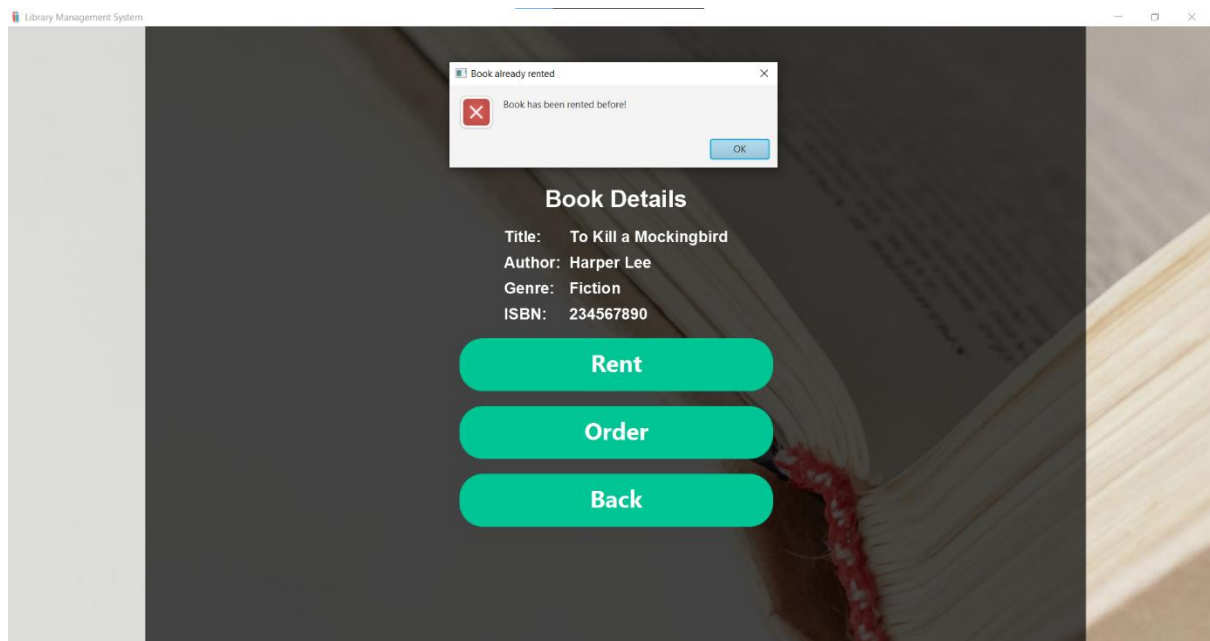


BOOK DETAILS PAGE :

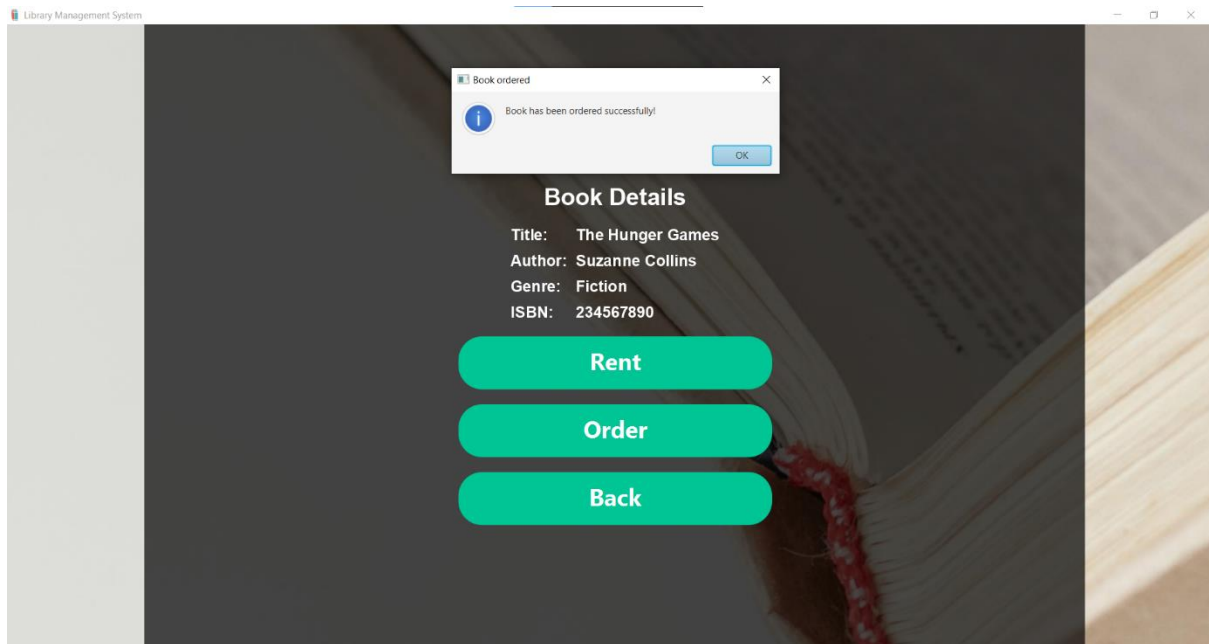
CASE 1 : RENTING A BOOK :



CASE 2 : RENTING SAME BOOK AGAIN :

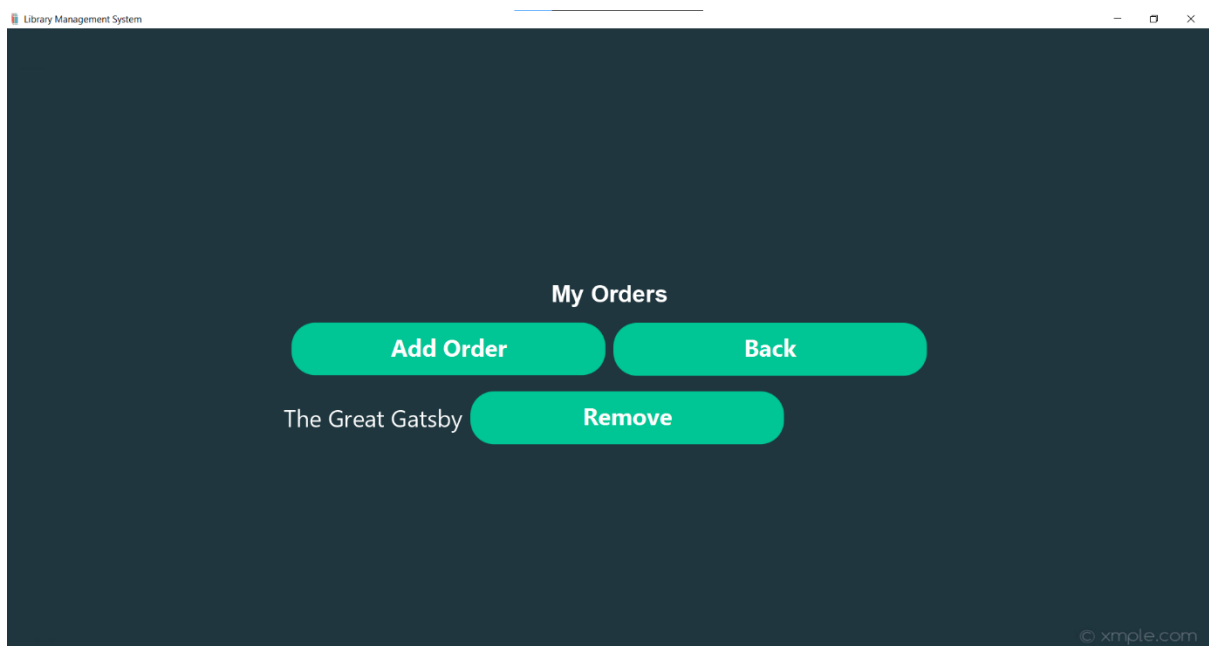
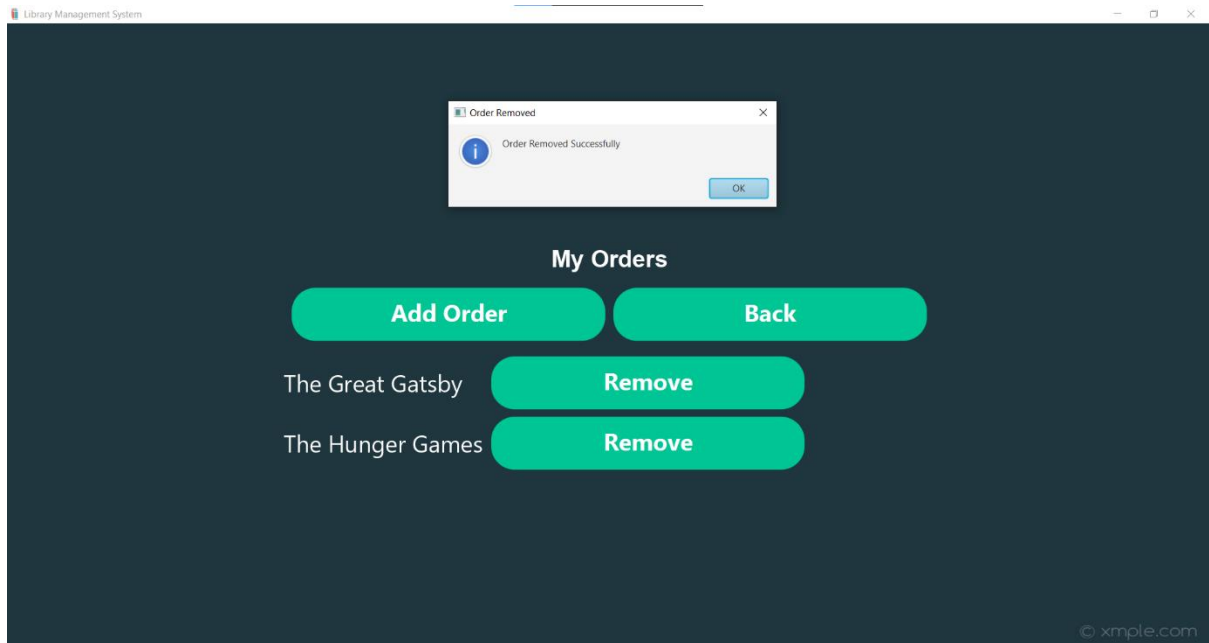


CASE 3 : ORDERING A BOOK :



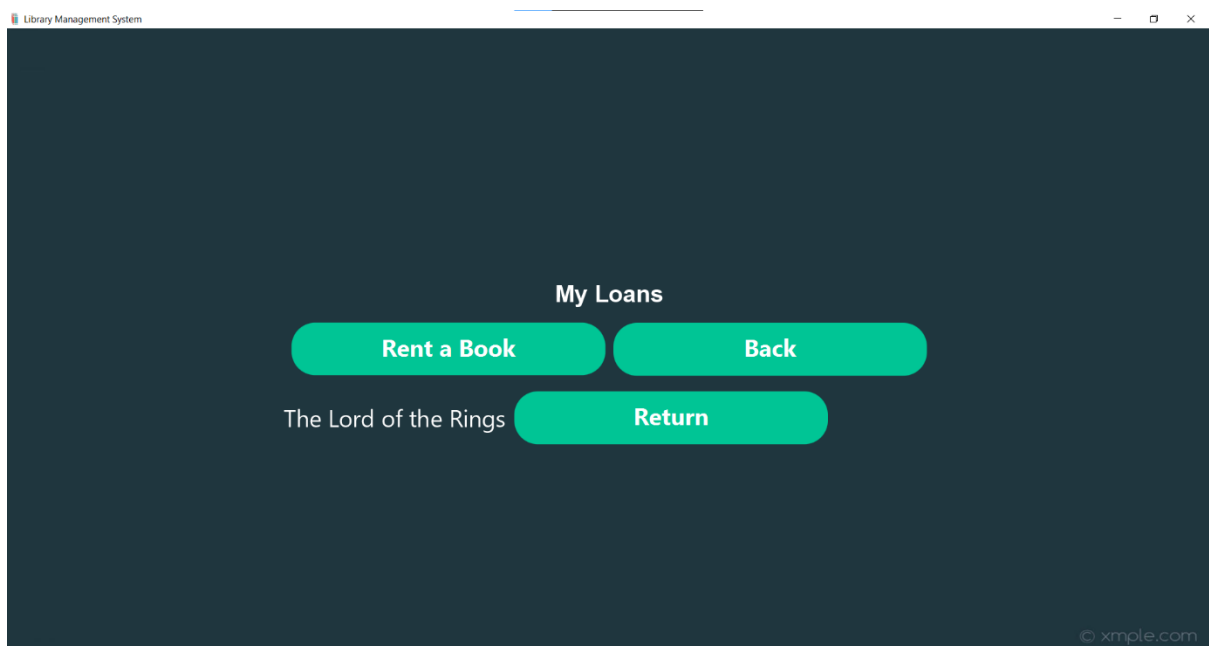
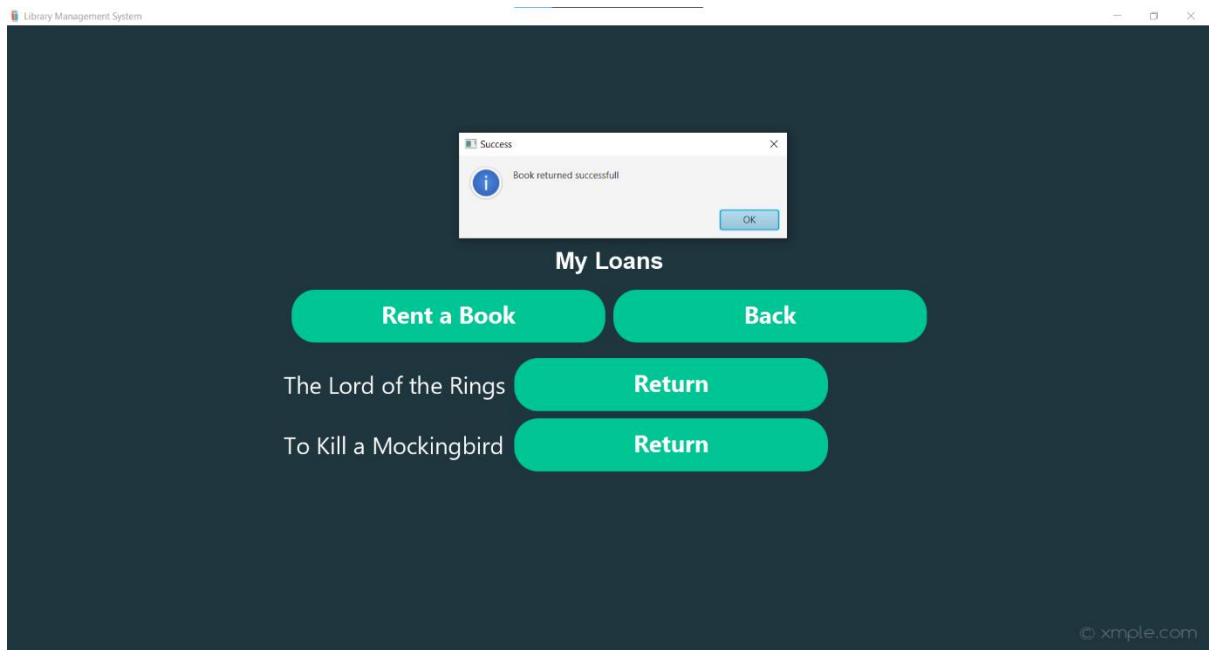
MY ORDERS PAGE :

CASE : REMOVING ORDER :



MY RENTED BOOKS PAGE :

CASE : RETURNING A BOOK :



RECORDS OF LIBRARIANS:

| USERNAME | PASSWORD | FIRST NAME | LAST NAME | ADDRESS | PHONE NUMBER | EMAIL |
|---------------------|-----------|---------------|---------------|--------------------------|--------------|-------------------------------|
| admin | 1 | TestLibrarian | TestLibrarian | TestLibrarian | 1584473657 | TestLibrarian |
| edwardobramblett123 | password1 | Edward | Bramblett | 795 West Virginia Avenue | 4473657158 | EdwardoBramblett186@gmail.com |
| cherylmartin123 | password2 | Cheryl | Martin | 4533 Peck Street | 5374780091 | CherylMartin231@hotmail.com |
| marcussmith123 | password3 | Marcus | Smith | 3299 Grove Street | 2144987720 | MarcusSmith357@gmail.com |
| marinavaldez123 | password4 | Marina | Valdez | 4317 Fulton Street | 3053329185 | MarinaValdez044@hotmail.com |
| isaacjohnson123 | password5 | Isaac | Johnson | 2304 Clark Street | 6607586712 | IsaacJohnson811@gmail.com |

RECORDS OF READERS:

| USERNAME | PASSWORD | FIRST NAME | LAST NAME | ADDRESS | PHONE NUMBER | EMAIL | BLOCKED |
|-----------------------|-------------|------------|------------|------------------|--------------|----------------------------|---------|
| reader | 1 | TestReader | TestReader | TestReader | 5675551234 | TestReader@email.com | FALSE |
| johndoe456 | abcdefg123 | John | Doe | 123 Main St | 5551234567 | johndoe@email.com | FALSE |
| jane_smith789 | password123 | Jane | Smith | 456 Elm St | 5552345678 | janesmith@email.com | FALSE |
| mike.johnson1011 | qwerty123 | Michael | Johnson | 789 Oak St | 5553456789 | michaeljohnson@email.com | FALSE |
| samantha.williams1213 | 12345678 | Samantha | Williams | 012 Pine St | 5554567890 | samantahwilliams@email.com | FALSE |
| davidbrown1415 | iloveyou123 | David | Brown | 345 Cedar St | 5555678901 | davidbrown@email.com | FALSE |
| jamesgarcia1819 | monkey123 | James | Garcia | 901 Birch St | 5557890123 | jamesgarcia@email.com | FALSE |
| marymiller2021 | letmein123 | Mary | Miller | 234 Oakwood Dr | 5558901234 | marymiller@email.com | FALSE |
| robertdavis2223 | sunshine123 | Robert | Davis | 567 Maplewood Dr | 5559012345 | robertdavis@email.com | FALSE |
| lindarodriguez2425 | welcome123 | Linda | Rodriguez | 890 Pineview Dr | 5550123456 | lindarodriguez@email.com | FALSE |
| tomwilson2627 | 123456789 | Tom | Wilson | 123 Elmwood Dr | 5551234567 | tomwilson@email.com | FALSE |
| emilylopez2829 | dragon123 | Emily | Lopez | 456 Oakwood Dr | 5552345678 | emilylopez@email.com | FALSE |
| williamgonzalez3031 | baseball123 | William | Gonzalez | 789 Maplewood Dr | 5553456789 | williamgonzalez | FALSE |

| | | | | | | | |
|------------------------|-------------|-------------|------------|-------------------|------------|------------------------------|-------|
| | | | | | | @email.com | |
| ashleyperez3233 | football1 | Ashley | Perez | 012 Pineview Dr | 5554567890 | ashleyperez@email.com | FALSE |
| charlescampbell3435 | superman123 | Charles | Campbell | 345 Elmwood Dr | 5555678901 | charlescampbell@email.com | FALSE |
| nicolrivera3637 | iloveyou1 | Nicole | Rivera | 678 Oakwood Dr | 5556789012 | nicolrivera@email.com | FALSE |
| josephcooper3839 | princess123 | Joseph | Cooper | 901 Pineview Dr | 5557890123 | josephcooper@email.com | FALSE |
| amandareed4041 | michael123 | Amanda | Reed | 234 Maplewood Dr | 5558901234 | amandareed@email.com | FALSE |
| christopherstewart4243 | 1234567 | Christopher | Stewart | 567 Pineview Dr | 5559012345 | christopherstewart@email.com | FALSE |
| kimberlybrooks4445 | hello123 | Kimberly | Brooks | 890 Elmwood Dr | 5550123456 | kimberlybrooks@email.com | FALSE |
| brianwashington4647 | password1 | Brian | Washington | 123 Maplewood Ave | 5551234567 | brianwashington@email.com | FALSE |
| christinacruz4849 | abc123 | Christina | Cruz | 456 Pineview Ave | 5552345678 | christinacruz@email.com | FALSE |
| brandonhughes5051 | letmein1 | Brandon | Hughes | 789 Elmwood Ave | 5553456789 | brandonhughes@email.com | FALSE |
| KEM | 123 | Kiro | Ehab | Nasr City | 1211756366 | kiro@gmail.com | FALSE |

RECORDS OF BOOKS:

| TITLE | GENRE | AUTHOR | ISBN |
|--------------------------------------|---------|---------------------|-----------|
| The Hobbit | Fiction | J.R.R. Tolkien | 901234567 |
| The Lord of the Rings | Fiction | J.R.R. Tolkien | 890123456 |
| Brave New World | Fiction | Aldous Huxley | 789012345 |
| Animal Farm | Fiction | George Orwell | 678901234 |
| The Great Gatsby | Fiction | F. Scott Fitzgerald | 567890123 |
| Pride and Prejudice | Fiction | Jane Austen | 456789012 |
| 1984 | Fiction | George Orwell | 345678901 |
| To Kill a Mockingbird | Fiction | Harper Lee | 234567890 |
| The Catcher in the Rye | Fiction | J.D. Salinger | 123456789 |
| The Da Vinci Code | Fiction | Dan Brown | 012345678 |
| The Hunger Games | Fiction | Suzanne Collins | 234567890 |
| The Girl with the Dragon Tattoo | Fiction | Stieg Larsson | 345678901 |
| The Chronicles of Narnia | Fiction | C.S. Lewis | 456789012 |
| The Hitchhiker's Guide to the Galaxy | Fiction | Douglas Adams | 567890123 |
| The Fault in Our Stars | Fiction | John Green | 678901234 |
| The Kite Runner | Fiction | Khaled Hosseini | 789012345 |
| The Color Purple | Fiction | Alice Walker | 890123456 |
| The Alchemist | Fiction | Paulo Coelho | 901234567 |
| The Picture of Dorian Gray | Fiction | Oscar Wilde | 123456789 |
| Frankenstein | Fiction | Mary Shelley | 234567890 |
| The Adventures of Huckleberry Finn | Fiction | Mark Twain | 345678901 |
| The Adventures of Tom Sawyer | Fiction | Mark Twain | 456789012 |
| Wuthering Heights | Fiction | Emily Bronte | 567890123 |
| Jane Eyre | Fiction | Charlotte Bronte | 678901234 |
| The Count of Monte Cristo | Fiction | Alexandre Dumas | 789012345 |
| Les Miserables | Fiction | Victor Hugo | 890123456 |
| Great Expectations | Fiction | Charles Dickens | 901234567 |
| Oliver Twist | Fiction | Charles Dickens | 012345678 |
| David Copperfield | Fiction | Charles Dickens | 123456789 |
| The Scarlet Letter | Fiction | Nathaniel Hawthorne | 234567890 |
| The Grapes of Wrath | Fiction | John Steinbeck | 345678901 |
| Of Mice and Men | Fiction | John Steinbeck | 456789012 |
| The Old Man and the Sea | Fiction | Ernest Hemingway | 567890123 |

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|---|---------|------------------------|-----------|
| For Whom the Bell Tolls | Fiction | Ernest Hemingway | 678901234 |
| A Farewell to Arms | Fiction | Ernest Hemingway | 789012345 |
| The Sun Also Rises | Fiction | Ernest Hemingway | 890123456 |
| Crime and Punishment | Fiction | Fyodor Dostoevsky | 901234567 |
| War and Peace | Fiction | Leo Tolstoy | 012345678 |
| Anna Karenina | Fiction | Leo Tolstoy | 123456789 |
| One Hundred Years of Solitude | Fiction | Gabriel Garcia Marquez | 234567890 |
| Love in the Time of Cholera | Fiction | Gabriel Garcia Marquez | 345678901 |
| To the Lighthouse | Fiction | Virginia Woolf | 456789012 |
| Mrs. Dalloway | Fiction | Virginia Woolf | 567890123 |
| Dubliners | Fiction | James Joyce | 678901234 |
| Ulysses | Fiction | James Joyce | 789012345 |
| The Sound and the Fury | Fiction | William Faulkner | 890123456 |
| As I Lay Dying | Fiction | William Faulkner | 901234567 |
| Absalom | Fiction | William Faulkner | 12345678 |
| Beloved | Fiction | Toni Morrison | 123456789 |
| The Bluest Eye | Fiction | Toni Morrison | 234567890 |
| A Room with a View | Fiction | E.M. Forster | 345678901 |
| Howards End | Fiction | E.M. Forster | 456789012 |
| A Passage to India | Fiction | E.M. Forster | 567890123 |
| Heart of Darkness | Fiction | Joseph Conrad | 678901234 |
| Lord Jim | Fiction | Joseph Conrad | 789012345 |
| Nostromo | Fiction | Joseph Conrad | 890123456 |
| The Secret Agent | Fiction | Joseph Conrad | 901234567 |
| The Awakening | Fiction | Kate Chopin | 012345678 |
| Ethan Frome | Fiction | Edith Wharton | 123456789 |
| The House of Mirth | Fiction | Edith Wharton | 234567890 |
| Middlemarch | Fiction | George Eliot | 345678901 |
| The Mill on the Floss | Fiction | George Eliot | 456789012 |
| Silas Marner | Fiction | George Eliot | 567890123 |
| A Tale of Two Cities | Fiction | Charles Dickens | 678901234 |
| Hard Times | Fiction | Charles Dickens | 789012345 |
| Dracula | Fiction | Bram Stoker | 890123456 |
| The Strange Case of Dr. Jekyll and Mr. Hyde | Fiction | Robert Louis Stevenson | 901234567 |
| Alice's Adventures in Wonderland | Fiction | Lewis Carroll | 012345678 |
| Through the Looking-Glass | Fiction | Lewis Carroll | 123456789 |
| The War of the Worlds | Fiction | H.G. Wells | 234567890 |
| The Time Machine | Fiction | H.G. Wells | 345678901 |

| | | | |
|------------------------------------|-----------|------------------------|------------------|
| 20000 Leagues Under the Sea | Fiction | Jules Verne | 456789012 |
| Journey to the Center of the Earth | Fiction | Jules Verne | 567890123 |
| Around the World in 80 Days | Fiction | Jules Verne | 678901234 |
| The Three Musketeers | Fiction | Alexandre Dumas | 789012345 |
| Robinson Crusoe | Fiction | Daniel Defoe | 890123456 |
| Gulliver's Travels | Fiction | Jonathan Swift | 901234567 |
| Treasure Island | Fiction | Robert Louis Stevenson | 012345678 |
| The Adventures of Sherlock Holmes | Fiction | Arthur Conan Doyle | 123456789 |
| The Hound of the Baskervilles | Fiction | Arthur Conan Doyle | 234567890 |
| The Picture of Dorian Gray | Fiction | Oscar Wilde | 345678901 |
| The Portrait of a Lady | Fiction | Henry James | 456789012 |
| Washington Square | Fiction | Henry James | 567890123 |
| The Turn of the Screw | Fiction | Henry James | 678901234 |
| The Red Badge of Courage | Fiction | Stephen Crane | 789012345 |
| The Call of the Wild | Fiction | Jack London | 890123456 |
| White Fang | Fiction | Jack London | 901234567 |
| Moby-Dick | Fiction | Herman Melville | 012345678 |
| Typee | Fiction | Herman Melville | 123456789 |
| Billy Budd | Fiction | Herman Melville | 234567890 |
| The Brothers Karamazov | Fiction | Fyodor Dostoevsky | 345678901 |
| The Idiot | Fiction | Fyodor Dostoevsky | 456789012 |
| The Possessed | Fiction | Fyodor Dostoevsky | 567890123 |
| Fathers and Sons | Fiction | Ivan Turgenev | 678901234 |
| The Death of Ivan Ilyich | Fiction | Leo Tolstoy | 789012345 |
| The Master and Margarita | Fiction | Mikhail Bulgakov | 890123456 |
| All Quiet on the Western Front | Fiction | Erich Maria Remarque | 901234567 |
| Slaughterhouse-Five | Fiction | Kurt Vonnegut | 012345678 |
| Catch-22 | Fiction | Joseph Heller | 123456789 |
| Crazy Family | Comedy | David Alaba | 3032326616 16 |
| History of Real Madrid | Sports | Karim Benzema | 350112009 |
| KFC | Food | Patrica Ramierz | 2002200320 02 |
| Programming | Education | Albert Einstein | 1900 |

RECORDS OF ORDERS :

| FIRST NAME | BOOK TITLE |
|-------------|-------------------------------|
| Jane | Of Mice and Men |
| Michael | The Old Man and the Sea |
| Samantha | For Whom the Bell Tolls |
| David | A Farewell to Arms |
| James | Crime and Punishment |
| Mary | War and Peace |
| Robert | Anna Karenina |
| Linda | One Hundred Years of Solitude |
| Tom | Love in the Time of Cholera |
| Emily | To the Lighthouse |
| William | Mrs. Dalloway |
| Ashley | The Idiot |
| Charles | The Brothers Karamazov |
| Nicole | The Portrait of a Lady |
| Amanda | Washington Square |
| Christopher | The Turn of the Screw |
| Kiro | The Lord of the Rings |
| TestReader | The Great Gatsby |

RECORDS OF LOANED BOOKS :

| FIRST NAME | BOOKS TITLE |
|---------------|--------------------------------------|
| TestReader | The Lord of the Rings |
| John | The Hobbit |
| Jane | The Lord of the Rings |
| Michael | Brave New World |
| Samantha | Animal Farm |
| David | The Great Gatsby |
| James | 1984 |
| Mary | To Kill a Mockingbird |
| Robert | The Catcher in the Rye |
| Linda | The Da Vinci Code |
| Tom | The Hunger Games |
| Emily | The Girl with the Dragon Tattoo |
| William | The Chronicles of Narnia |
| Ashley | The Hitchhiker's Guide to the Galaxy |
| Charles | The Fault in Our Stars |
| Nicole | The Kite Runner |
| Joseph | The Color Purple |
| Amanda | The Alchemist |
| Christopher | The Picture of Dorian Gray |
| Kimberly | Frankenstein |
| Brian | The Adventures of Huckleberry Finn |
| Christina | The Adventures of Tom Sawyer |
| Brandon | Wuthering Heights |
| TestLibrarian | The Lord of the Rings |
| TestLibrarian | The Hobbit |
| Kiro | The Hobbit |