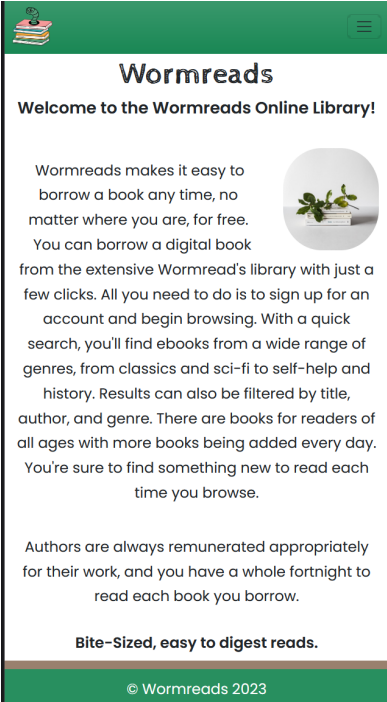


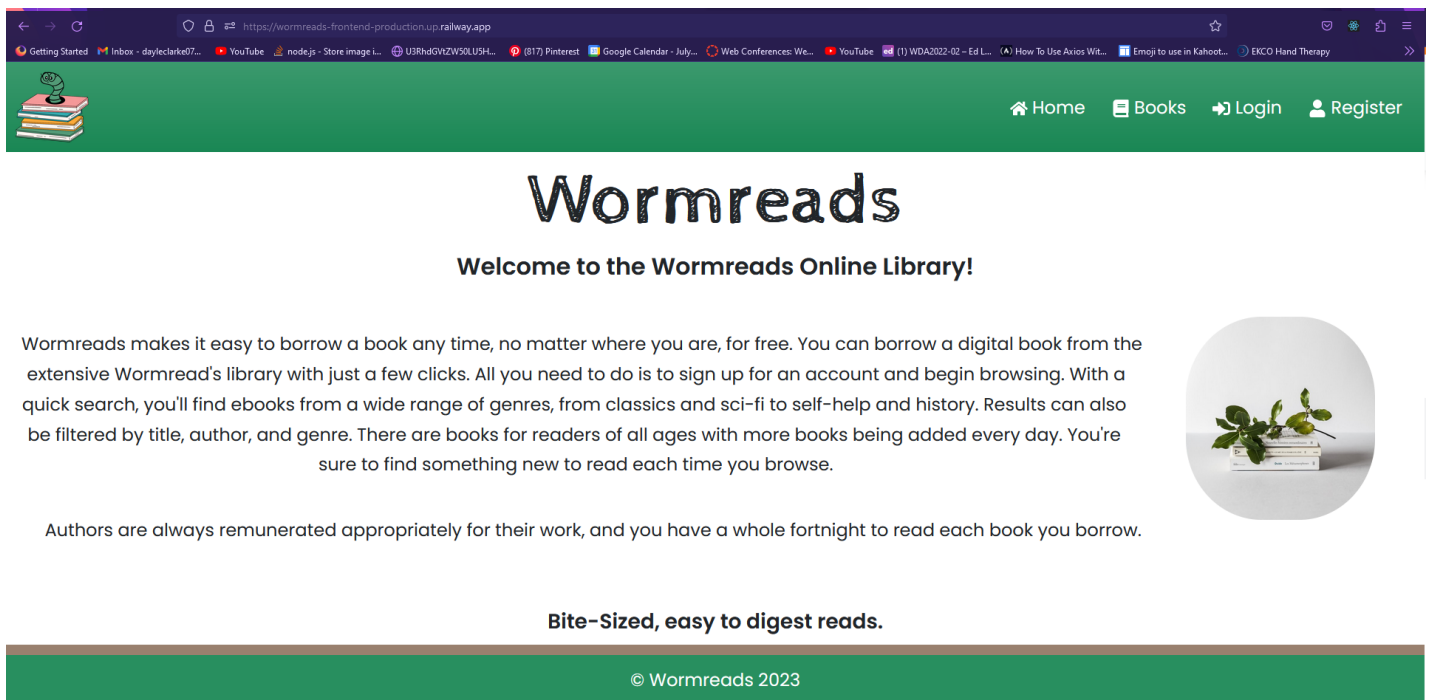
Front-end Development and Production Manual Testing

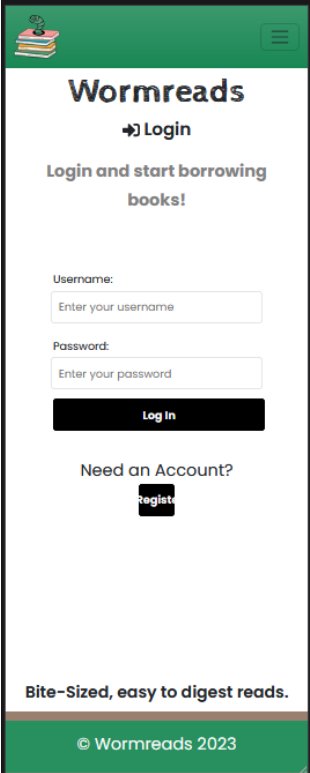
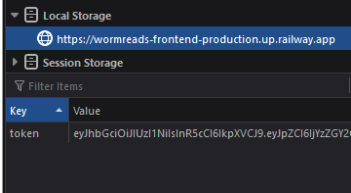
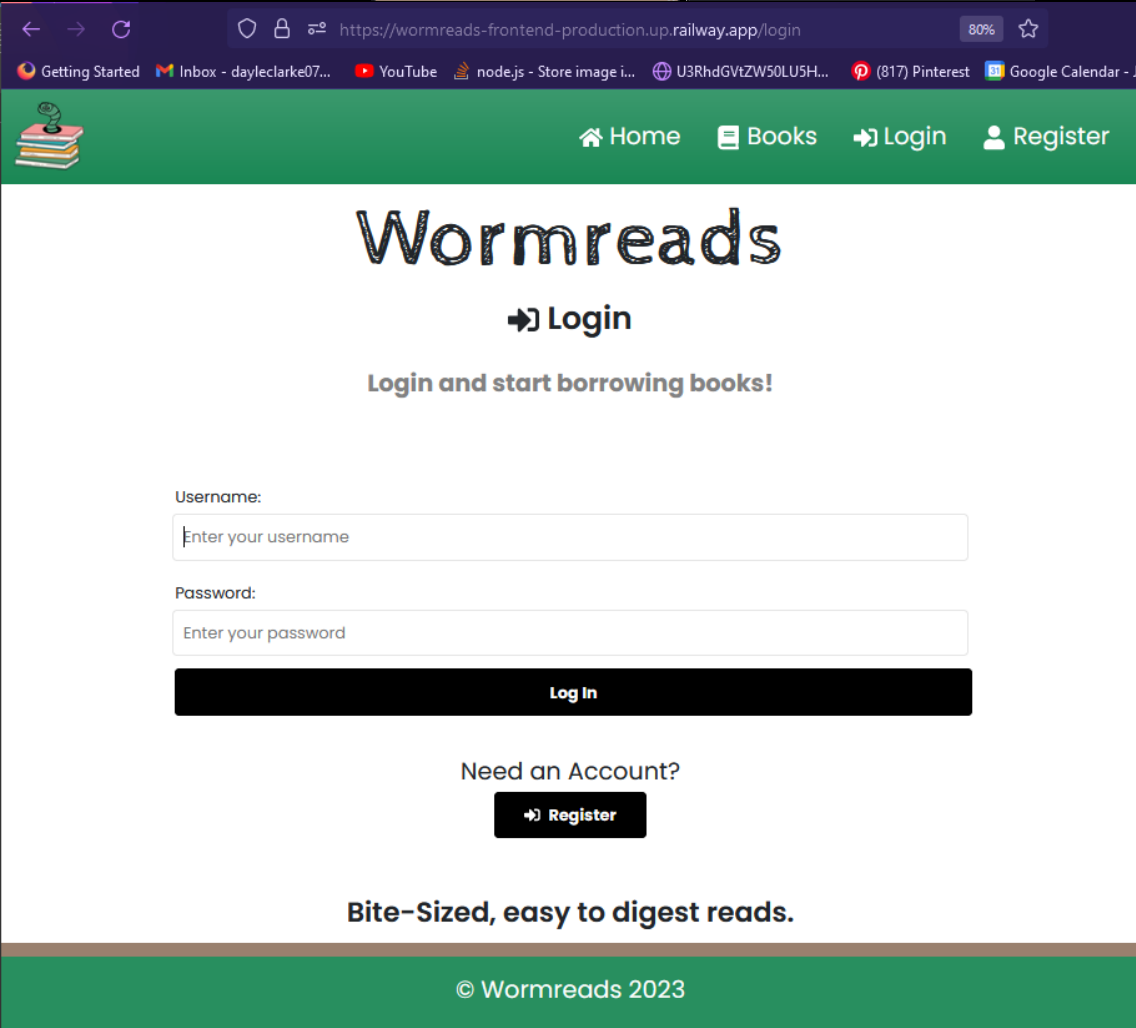
User-Testing of Front-End Production Site

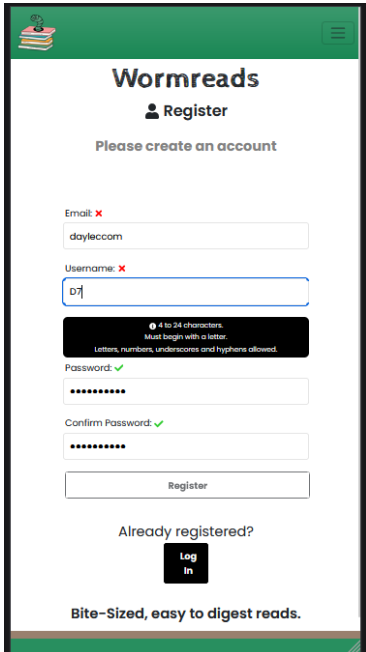
The following manual testing was run after the site was in production:

Home Page: https://wormreads-frontend-production.up.railway.app/		
Expected Result	Actual Result	Issues Encountered/ Actions to Take
<p>Homepage before login (no token in local storage)</p> <ul style="list-style-type: none">Should display the navigation bar with “Login” and “Register” button and not “Profile” or “Logout”.Footer should appear at the very bottom of the page even when there is extra white space.All font should be easy to read at all screen sizes.Display and white space should look visually appealing at all screen sizes.Navigation bar should change to hamburger menu at smaller screen sizes.No spelling or grammatical errors should occur.All navigation bar links should work. <p>Homepage after login (valid token in local storage)</p> <ul style="list-style-type: none">Should display the navigation bar with “Profile” and “Log-out” and not “Login” and “Register” button.The users username should appear in the welcome message.	<p>Mobile View</p> 	Behaving as expected

Desktop View




Login Page: https://wormreads-frontend-production.up.railway.app/login		
Expected Result	Actual Result	Issues Encountered/ Actions to Take
<p>Login Page</p> <ul style="list-style-type: none">• Login page should provide two text fields for the user to enter data.• Login button should display hover effects• The register button at the bottom links the user• Correct credentials (that match what is in the DB should provide the user with a JWT token which is stored in local storage• If invalid credentials are provided a message should be displayed at the top of the form	<p>Mobile View</p>  	<ul style="list-style-type: none">• Register button (after the message asking if the user needs an account) at mobile sizes is shrinking. Fix this in CSS to ensure the whole button can be read.• Otherwise behaving as expected.
		

Expected Result	Actual Result	Issues Encountered/ Actions to Take
<p>Register Page</p> <ul style="list-style-type: none">Icons of a cross should appear with an information box underneath if the field doesn't match the required regex.A green icon of a tick should appear when the user enters their details correctly in each box.The register buttons should be disabled until all the details have been entered correctly.Login button at the bottom should take the user to the login page.The password should be hidden when it is typed in.Two way binding should occur on the page for the useState for each field.The database should update upon the user being registered.The user should receive a JWT token which is stored in local storage once the have submitted.	<p>Mobile view</p>  <p>Indexed DB Local Storage https://wormreads-frontend-production.up.railway.app Session Storage Key Value token eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXLTQ1MTM5Zj...</p>	<ul style="list-style-type: none">Login button at mobile sizes is shrinking. Fix this in CSS to ensure the whole button can be read.Otherwise behaving as expected.

[Home](#) [Books](#) [Login](#) [Register](#)

Wormreads

 Register

Please create an account

Email: ✓

dayleclark07@gmail.com

Username: ✓

Dayle07

Password: ✓

••••••••

Confirm Password: ✓

••••••••

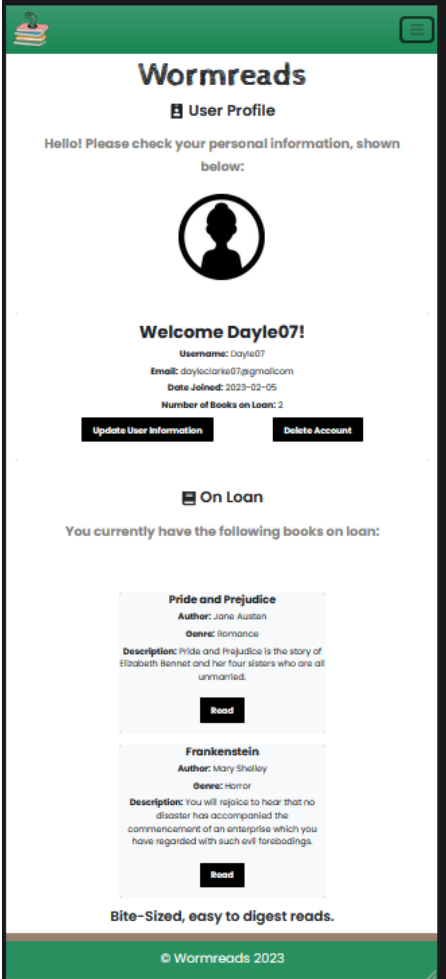
Register

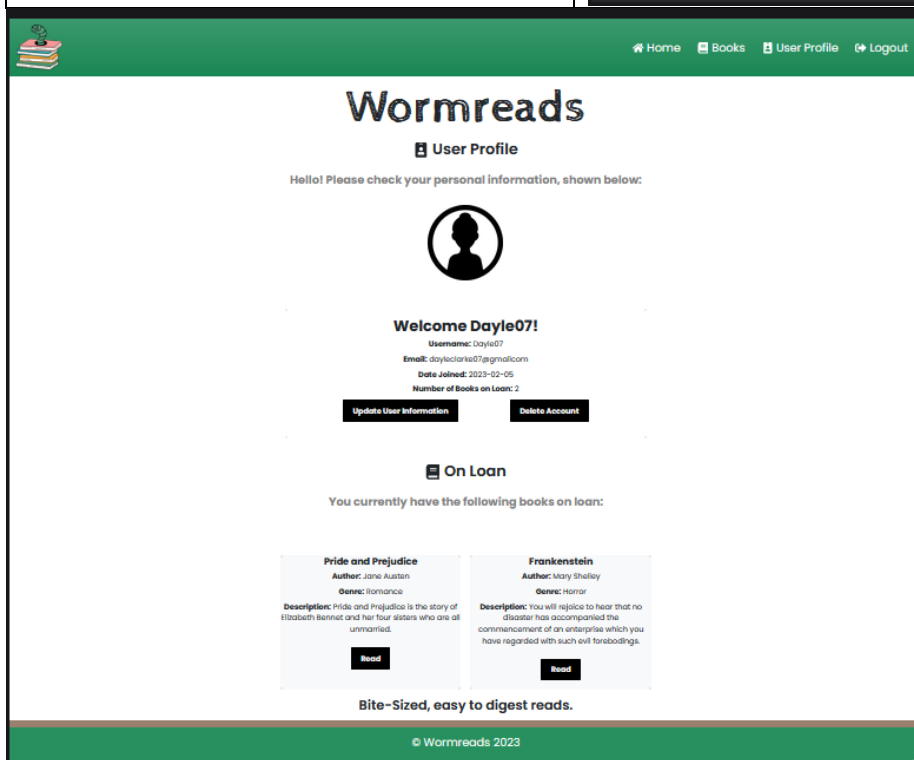
Already registered?

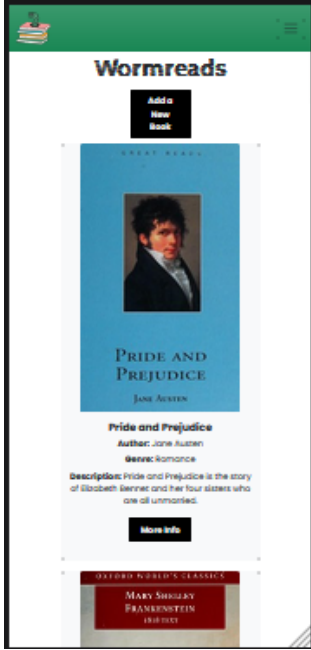
 Log In


Bite-Sized, easy to digest reads.

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Expected Result	Actual Result	Issues Encountered/ Actions to Take
User Profile <ul style="list-style-type: none"> The user's profile should appear with the following fields accurately populated from the DB: <ul style="list-style-type: none"> Username Email Date Joined Number of Books on Loan The books they currently have on loan should be listed at the bottom and display the book's title, author, genre, and description. If the user has no books on loan a message stating this should be displayed. Each book should have a working "Read" button that will take the user to a page with Lorem Epson text. 		<ul style="list-style-type: none"> Remove the update user information and delete account buttons if we don't get time to add these features. Consider removing some of the excess white space between elements so that there is less scrolling required. Consider adding images of each book (although this would require smaller images of each book to be provided) Consider changing the image for different users. If time permitting add images of different users and add a feature to allow users to upload their own images (would need to conduct research into this. Behaving otherwise as expected.




Expected Result	Actual Result	Issues Encountered/ Actions to Take
<ul style="list-style-type: none">If the token provided belongs to an admin user a button stating add a new book should appear at the top of the page.If no token is provided or the token belongs to a non-admin user this button will be missing.Cards providing details about each book should be provided with information about each book (title, author, genre, and description).Only the first sentence of each book description should be displayed.The smaller image of each book cover should be displayed. These should have the correct aspect ratio and be clear.Text should be easy to read at all screen sizes.A more info button should appear at the bottom of each book and correctly take the user to a page providing more information about each book.If no books are in the database a message should be displayed to inform the user that there are not books currently in the database.		<ul style="list-style-type: none">On mobile devices it would look better if the "Add New Book" button was spread out to be on one- or two-lines max.Decrease the size of images on mobile devices so less scrolling is required.This page sometimes takes a long time to load. When this happens it briefly displays a message stating that there are no books in the database. Change this to display a loading spinner.Behaving otherwise as expected.

Home Books User Profile Logout


Wormreads

Add a New Book




Pride and Prejudice
Author: Jane Austen
Genre: Romance
Description: Pride and Prejudice is the story of Elizabeth Bennet and her four sisters who are all unmarried.

More info




Frankenstein
Author: Mary Shelley
Genre: Horror
Description: You will rejoice to hear that no disaster has accompanied the commencement of an enterprise which you have regarded with such evil forebodings.

More info




The Count of Monte Cristo
Author: Alexandre Dumas
Genre: Historical Fiction
Description: On the 24th of February, 1815, the look-out or tower-Du-Roc is to be again approached the three inmates, the Prisoner from Smyrna, Edmond, and Neillac.

More info




David Copperfield
Author: Charles Dickens
Genre: Historical Fiction
Description: I do not find it easy to get sufficiently far away from this book, in the first sensation of having finished it, to write to it with the composure which the formal heading would seem to require.

More info




Moby-Dick
Author: Herman Melville
Genre: Adventure
Description: It will be seen that this more penetrating burrow and grub-worm of a poor devil of a ball-jab opened to howl gone through the long, volcanic and sweet-stalk of the earth picking up whatever random allusions to whales he could anywhere find in any book whatsoever, spaced as follows.

More info




Les Misérables
Author: Victor Hugo
Genre: Adventure
Description: So long as there shall exist, by virtue of law and custom, decrees of damnation pronounced by society, continually executing hell upon the civilization of earth, and adding the weariness of human law to divine destiny, so long as the three great problems of the century—the degradation of man through prostitution, the corruption of woman through hunger, the crippling of children through lack of light—are unsolved.

More info




Dracula
Author: Bram Stoker
Genre: Horror
Description: It is late March or 1832 PM, on an early morning as the sun rises, the morning should have been a fine day, but dark rain was on the way.

More info



Mrs Dalloway
Author: Virginia Woolf
Genre: Fiction
Description: Mrs Dalloway said she would buy the flowers herself, so Lucy had her work cut out for her.

More info



The Sun Also Rises
Author: Ernest Hemingway
Genre: Adventure
Description: Robert Cohn was once middleweight boxing champion of America. Do not think that I am very much impressed by that as a boxing title, but it meant a lot to Cohn.

More info

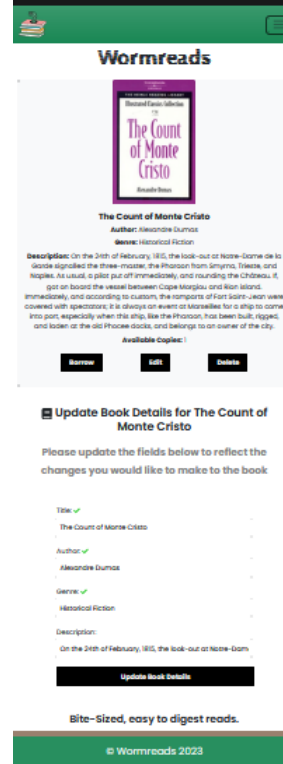
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Expected Result

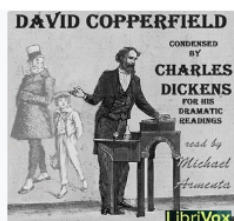
- If a token is in local storage the borrow button will appear. If the token belongs to an admin user the edit and delete buttons should also appear.
- The book the user previously clicked on should have its details displayed on the screen. It should contain the title, author, genre, and full description.
- The larger image of each book cover should be displayed. These should have the correct aspect ratio and be clear.
- Text should be easy to read at all screen sizes.
- If the user clicks the delete button the book (and all of its copies) should be deleted from the db. The user will then be taken to the books page where they will see that the book has been deleted.
- If the user clicks the borrow book button and no copies are available an error message will be displayed at the top of the screen stating "No Books are currently available"
- If a user clicks **borrow book**:
 - a new document in the loans collection should be added in the DB.
 - it should include an automatic due date two weeks from today
 - the available book copies of the book should decrease by 1.
 - IsAvailable on the bookCopy should be set to false.
 - They will be taken to their profile page where they will see that the book has been added to the user's list of books on loan.
- If a user clicks **update book**:
 - it will make the update book details form appear at the bottom of the screen (otherwise this is hidden from view)
 - an icon of a cross should appear with an information box underneath if the field doesn't match the required regex
 - a green icon of a tick should appear when the user enters their details correctly in each box.
 - The default information in each book should match the existing books information so that it can automatically be entered if this page isn't meant to change.
 - When the user clicks update book the information about that book in the database should update and the user is taken back to the books page where they will see the book has correctly been updated.

Actual Result

Issues Encountered/
Actions to Take

- Some image are stretched/skewed to fit the space. Fix this so that the aspect ratio is maintained.
- Add buttons to allow the user to add or remove copies of a book.
- Behaving otherwise as expected.

Wormreads



David Copperfield
Author: Charles Dickens
Genre: Historical Fiction

Description: I do not find it easy to get sufficiently far away from this Book, in the first sensations of having finished it, to refer to it with the composure which this formal heading would seem to require. My interest in it is so recent and strong; and my mind is so divided between pleasure and regret—pleasure in the achievement of a long design, regret in the separation from many companions—that I am in danger of wearying the reader whom I love, with personal confidences, and private emotions.

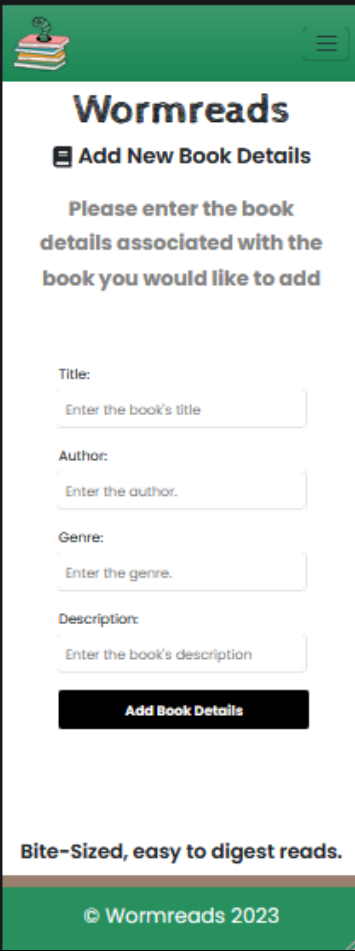
Available Copies: 1

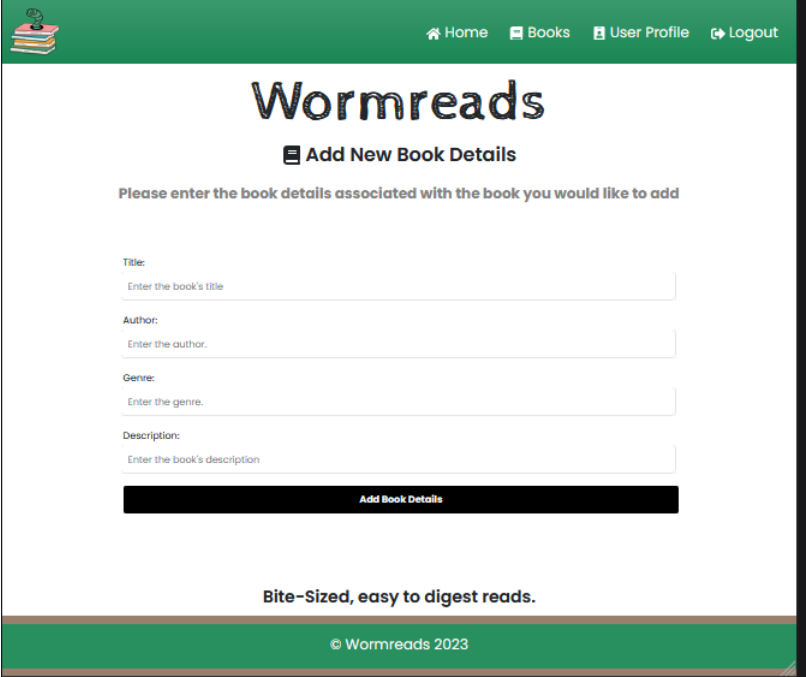
Borrow

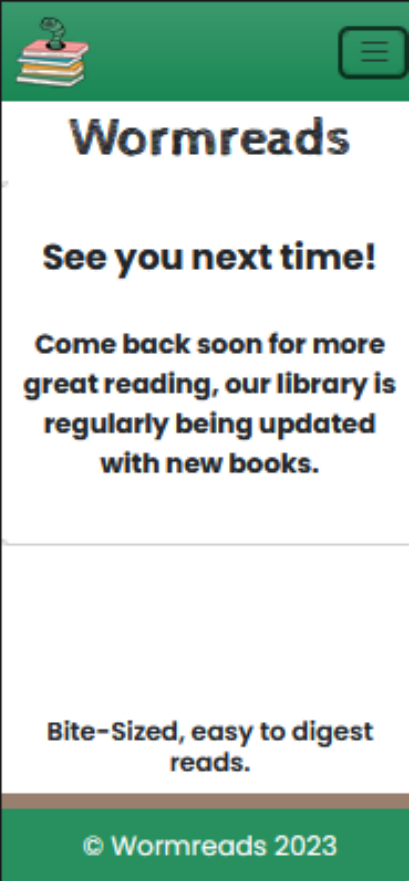
Edit

Delete

Bite-Sized, easy to digest reads.

Add New Book Page: https://wormreads-frontend-production.up.railway.app/books/add		
Expected Result	Actual Result	Issues Encountered/ Actions to Take
<ul style="list-style-type: none">Icons of a cross should appear with an information box underneath if the field doesn't match the required regex.A green icon of a tick should appear when the user enters their details correctly in each box.The add book details should be disabled until all the details have been entered correctly.Two way binding should occur on the page for the useState for each field.When the user clicks add book they should be taken to the books page where they can see their new books has correctly been added.The new details should then appear in the db on the back end.Error messages should be displayed at the top of the page if errors occur.		<ul style="list-style-type: none">Change this so that the button is disabled until all of the required fields have been correctly entered.Add buttons to allow the user to add or remove copies of a book.Behaving otherwise as expected.



Expected Result	Actual Result	Issues Encountered/ Actions to Take
<ul style="list-style-type: none">The user should be logged out of the system and their token removed from session storage.		<ul style="list-style-type: none">Change this so that the button is disabled until all of the required fields have been correctly entered.Add buttons to allow the user to add or remove copies of a book.Behaving otherwise as expected.