

Test Cases

The test cases that can be tested in this project are the following **search test case, Account creation test, and the purchase test**. All these tests cases will follow a detailed procedure so incase of error it can be found easily at the at which the error occurred, so it may be fixed immediately.

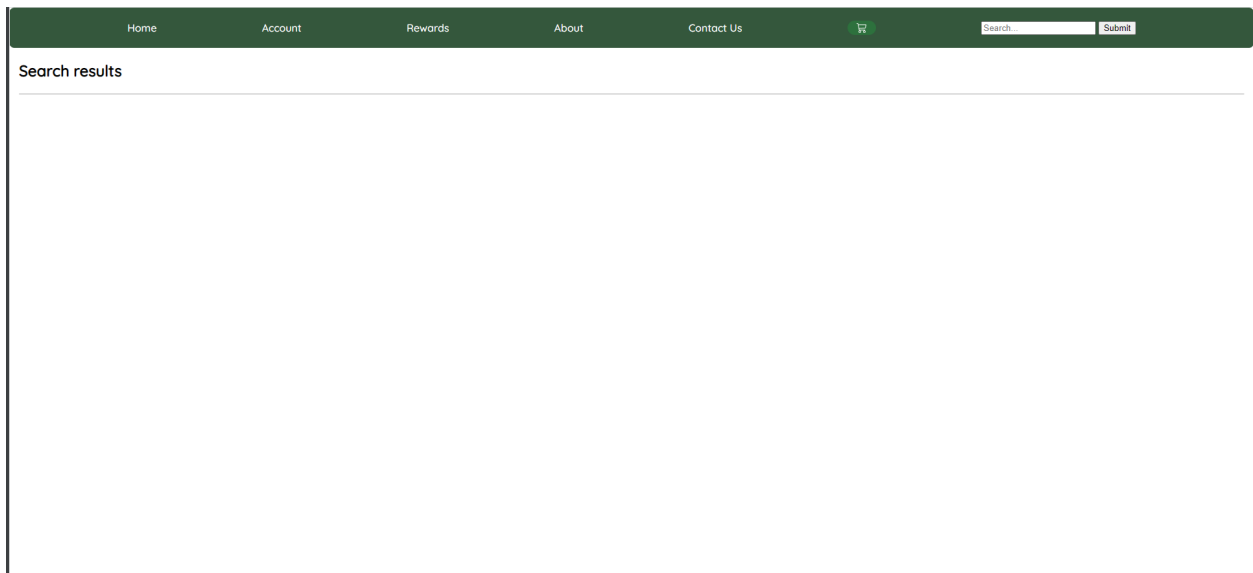
Starting with the **search test case** the procedure will be the following:

- Having the actor access the website
- Search for a book in the search bar, the user can search for books by title, author,
- The website must then display the results that respond to the users search query
- The actor must then click on a particular book that interests them
- The webpage must now display the book they chose on its own page with more detailed information and a price included
- Once all these tasks are executed the process will then be complete

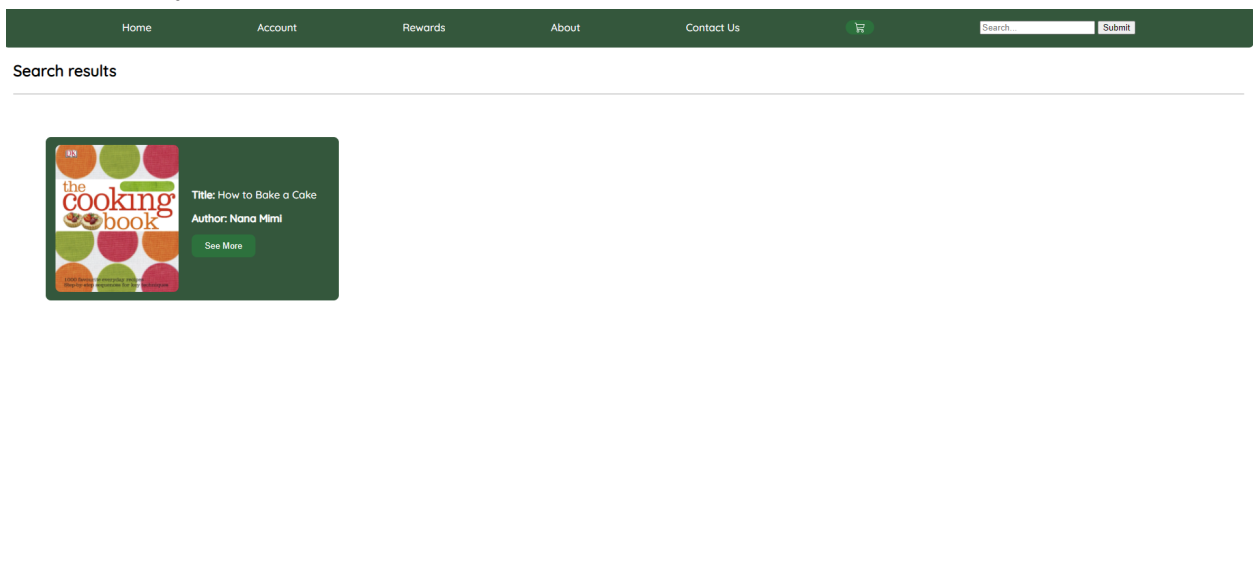
Heres an example with photos of the search test case...

test cases continue on the following pages

1. Before Searching



2. User searches for “cook” in the search bar in the top left, a book with cook in its name is displayed



3. The user then searches for “Sarah”, and a book with Sarah as the author is displayed



4. The user then searches for “boy”, and this book is displayed as it has the word boy in its synopsis (which is not yet visible to the user but will be once the user clicks see more)



Then our next test case is **account creation**, its procedure will entail:

- The user accesses the account tab
- From there the page will display a sign up/ login page
- The user must then access the sign up option to register
- The page will then display a form for the user to complete the form will include the following:
 - Full Name
 - Email
 - Shipping/ Billing information
 - Payment Information (for a quick and easy checkout)
 - Date of birth
- The website will then validate all this information to make sure it's correct/ usable/ valid then after those conditions are met/ checked the user will then be sent a confirmation email with a link to authenticate the account
- To test if the account was created the user must then go to the webpage and account tab and use the login feature this time to check if the account was actually created
- This concludes the account creation test case

Our final test case is the **shopping cart and checkout** test case which will follow this plan:

- The user must click the buy button either through a promotional card (different from the regular book cards as shown above because instead of the button saying see more it says buy now) or the main book display page
- The item must be checked if it is actually in stock if not the user must be notified and stock updated accordingly, otherwise if everything is in stock the book is successfully added to the cart
- The user will then be prompted to create an account for easier checkout next time otherwise they can continue as a guest and proceed to checkout
- The user must then enter their name, payment information, email, and shipping address in a form if they opted to continue as guest, otherwise if they created an account they would have gone through the account process and would just need to re-enter the CVC to complete the checkout process
- The payment information and shipping address will then be checked for validation
- If validation is successful a confirmation email must then be sent to the email that was provided and this concludes the shopping cart and checkout test case