Book Store Web application test LeapDev #1.

Cover the following aspects of the website:

* Login
* Book Store
* Profile Sections of this application

I would Create a component Jira ticket named after each component I’m testing i.e.: a Book Store Page component and link any relevant bookstore tests to each component, to create some traceability among test cases.

Login component test cases / Jira tickets:

Jira test ticket name: (UL – User Login)  
UL-01 Verify the user registration and login page enforces passwords and password complexity policies.

|  |  |  |  |
| --- | --- | --- | --- |
| **Step #** | **Test Step:** | **User actions:** | **Expected Result:** |
| 1 | Navigate to the bookstore URL | User enters: <https://demoqa.com/login> | Webpage loads and Login page is displayed. |
| 2 | Observe there is a username, password field and a ‘login’ and ‘register user’ button |  | The fields are all displayed. |
| 3 | Click the register user button. | User clicks register user button. | User Register webpage is displayed. |
| 4 | Enter the following details:  First Name: Mick Last Name: Jagger Username: MickJagger | User enters the following details: First Name: Mick Last Name: Jagger Username: MickJagger | Observe there are no visible error messages displayed. |
| 5 | Enter password: mick | User enters password “mick” | Observe there are no visible error messages displayed. |
| 6 | Complete the Captcha | User completes the captcha | User successfully completes captcha |
| 7 | Click the ‘Register’ Button | User clicks the register button. | Observe an error message relating to the entered passwords complexity is shown. |
| 8 | modify the password to the values below and repeat the last 2 steps | User changes password to: “Mick”  User changes password to: “Mick123” User changes password to: “Mick1234” | Observe that the same password complexity error message is shown on all 3 attempts, and the user is still not registered. |
| 9 | Change the password to “Mick1234!”  Complete the Captcha and click the register button. | User changes password to “Mick1234!”  Completes the Captcha and clicks the register button. | Observe an alert appears informing you the user is registered. |
| 10 | Click the back to login button | User clicks the back to login button | Webpage returns to the user login page. *(https://demoqa.com/login)* |
| 11 | Enter the username: “MickJagger”.  And password: “mackjagger” and click the login button. | User enters the credentials: username: “MickJagger”.  And password: “mackjagger” and clicks the login button. | Observe an error “Invalid username/password” appears. |
| 12 | Change the password to: “MickJagger1234!” and click the login button. | User enters password: “MickJagger1234!”  And clicks the login button. | Observe the user is successfully logged in and is. Taken to the profile page. *(https://demoqa.com/profile)* |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

For the Book store and profile page components, test cases / tickets:

I would split up the long testcase I’ve written below and prefix each test case with the following text: “Before running this testcase, please complete previous test case #” with a link to the Jira ticket. The reason I would do this is so that when release testing comes around id be able to complete the whole testing suite of the components in sequence.

Bookstore Page test cases / Jira tickets:

* BS-01: Verify you can search for books by any table column: Step 1-8
* BS-02: Verify you can Add books to your collection: Step 9-14

Profile Page test cases / Jira tickets:

* PRO-01 Verify you can delete one book: Step 15-20
* PRO-02 Verify you cannot add the same book twice to your collection: Step 21-26
* PR0-03 Verify you can search for books by any table column **in your collection:** Step 27-37
* PRO-04 Verify you can delete all books. Steps: 38 - 42
* PRO-05 Verify that ‘Delete all books’ deletes all books regardless of what the profile page book search has entered. Steps: 43 – 60
* PRO-06 Verify you can delete your account. (Page 7-8)
* PRO-07 Verify you can delete your account, even though it has books in your collection. (Page 9)

|  |  |  |  |
| --- | --- | --- | --- |
| Step# | Step actions: | User actions: | Expected Result. |
| 1 | Navigate to the bookstore webpage | User navigates to bookstore URL <https://demoqa.com/login> | Bookstore webpage is displayed. |
| 2 | Login to the test account MickJagger (If you’re not logged in already) | User enters username: “MickJagger” and password: “MickJagger1234!”  And clicks the login button. | The user logs in successfully. |
| 3 | Navigate to the bookstore via the ‘Bookstore’ button. | User clicks bookstore button. | Webpage updates displaying the bookstore, URL: <https://demoqa.com/books> |
| 4 | Click on the search bar and enter: “\*” | User clicks on search bar and enters “\*” | Observe the table displays “No Rows Found” |
| 5 | Clear the search bar and search for “Git” | User clears search bar and enters “Git” | Observe only one result is found, Git pocket guide. |
| 6 | Clear the search bar and search for “O’Reilly” | User clears the search bar and searches for “O’Reilly Media” | Observe numerous results are found all with the Publisher “O’Reilly Media” |
| 7 | Clear the search bar and search for “Richard E. Silverman” | User clears the search bar and searches for “Richard E. Silverman” | Observe only one result is found, “Git Pocket Guide” |
| 8 | Clear the search bar and enter “git” lowercase this time. | User clears search bar and enters “git” | Observe only one result is found, “Git Pocket Guide” |
| 9 | Click on the “Git Pocket Guide” link. | User clicks on the ‘Git Pocket Guide’ Link. | Observe webpage updates displaying the books webpage. |
| 10 | Observe the following information fields are displayed about the book: ISBN, Title, Sub-title, Publisher, total pages, description, and website. |  | The book webpage contains all those fields. |
| 11 | Click on the “Add To Your Collection” button | User clicks the “Add To Your Collection” button. | Observe an alert appears informing the user the book has been added to their collection. |
| 12 | Click Ok. | User clicks Ok. | Alert disappears. |
| 13 | Navigate to the profile page. | User clicks the profile button. | Webpage updates displaying user’s profile. |
| 14 | Observe the “Git Pocket Guide” book is now listed in the user’s collection |  | Observe the “Git Pocket Guide” book is now listed in the user’s collection |
| 15 | Click the delete button next to the books title. | User clicks the delete button next to the books title. | Observe a prompt appears confirming if you want to delete the book from your collection. |
| 16 | Click ‘Cancel’ button | User clicks the cancel button. | Observe the book is still in your collection. |
| 17 | Observe the book is still in your collection. |  | Book is still listed in the user’s collection; |
| 18 | Click the delete button next to the books title. | User clicks the delete button next to the books title. | Observe a prompt appears confirming if you want to delete the book from your collection. |
| 19 | Click the ‘ok’ button | User clicks the ok button | Observe an alert appears informing you the book has been deleted from your collection. |
| 20 | Click the ‘ok’ button | User clicks the ok button | Observe the book is no longer listed in your collection. |
| 21 | Click the goto bookstore button | User clicks the goto bookstore button | Page updates and bookstore is displayed again. |
| 22 | Click on the git pocket guide book. | User clicks on the git pocket guide book. | Webpage updates displaying Git pocket guide book. |
| 23 | Click the add to collection button | User clicks the add to collection button | Observe an alert appears informing you the book has been added to your collection. |
| 24 | Click the ‘ok’ button | User clicks the ok button | Alert prompt disappears |
| 25 | Click the add to collection button | User clicks the add to collection button | Observe an alert appears, this time informing you that this book is already in your collection. |
| 26 | Click the ok button | User clicks the ok button | Alert message disappears |
| 27 | Click on the profile button | User clicks on the profile button | Webpage updates and displays the user’s profile |
| 28 | Observe there is only 1 book displayed in the user’s collection, “Git Pocket Guide” |  | Observe only the book “Git Pocket Guide” is displayed in the user’s collection |
| 29 | Click on the bookstore button | User clicks on the bookstore button | Webpage updates and displays the bookstore. |
| 30 | Click on the “Learning Javascript Design Patterns” book. | User clicks on the “Learning Javascript Design Patterns” book. | Webpage updates and displays the “Learning Javascript Design Patterns book.” |
| 31 | Click the add to collection button | User clicks the add to collection button | Observe an alert appears informing you the book has been added to your collection. |
| 32 | Click the ‘ok’ button | User clicks the ok button | Alert prompt disappears |
| 33 | Click the profile button | User clicks the profile button | Observe the webpage updates and displays the users profile page. Now with 2 books listed in the collection. |
| 34 | Clear the search bar and search for “Git” | User clears search bar and enters “Git” | Observe only one result is found, Git pocket guide. |
| 35 | Clear the search bar and search for “O’Reilly” | User clears the search bar and searches for “O’Reilly Media” | Observe both books are displayed in the results “O’Reilly Media” |
| 36 | Clear the search bar and search for “Richard E. Silverman” | User clears the search bar and searches for “Richard E. Silverman” | Observe only one result is found, “Git Pocket Guide” |
| 37 | Clear the search bar | User clears the search bar. | Observe both books are displayed again. |
| 38 | Click the “Delete All books” button | User clicks the “Delete all books” button | Observe a confirmation prompt appears to confirm deleting all books. |
| 39 | Click the ‘Cancel button’ | User clicks the cancel button | Observe the books are not deleted. |
| 40 | Click the Delete all books button | User clicks the Delete all Books button | Observe a confirmation prompt appears to confirm deleting all books. |
| 41 | Click the “yes” button. | User clicks the yes button | Observe a prompt appears informing you all books have been deleted. |
| 42 | Click Ok on the prompt | User clicks OK to the prompt. | Observe the profile page updates and the 2 books have been deleted from the user’s profile. |
| 43 | Click the goto bookstore button | User clicks the goto bookstore button | Page updates and bookstore is displayed again. |
| 44 | Click on the git pocket guidebook. | User clicks on the git pocket guidebook. | Webpage updates displaying Git pocket guidebook. |
| 45 | Click the add to collection button | User clicks the add to collection button | Observe an alert appears informing you the book has been added to your collection. |
| 46 | Click the ‘ok’ button | User clicks the ok button | Alert prompt disappears |
| 47 | Click the add to collection button | User clicks the add to collection button | Observe an alert appears, this time informing you that this book is already in your collection. |
| 48 | Click the ok button | User clicks the ok button | Alert message disappears |
| 49 | Click on the profile button | User clicks on the profile button | Webpage updates and displays the user’s profile |
| 50 | Observe there is only 1 book displayed in the user’s collection, “Git Pocket Guide” |  | Observe only the book “Git Pocket Guide” is displayed in the user’s collection |
| 51 | Click on the bookstore button | User clicks on the bookstore button | Webpage updates and displays the bookstore. |
| 52 | Click on the “Learning Javascript Design Patterns” book. | User clicks on the “Learning Javascript Design Patterns” book. | Webpage updates and displays the “Learning Javascript Design Patterns book.” |
| 53 | Click the add to collection button | User clicks the add to collection button | Observe an alert appears informing you the book has been added to your collection. |
| 54 | Click the ‘ok’ button | User clicks the ok button | Alert prompt disappears |
| 55 | Click the profile button | User clicks the profile button | Observe the webpage updates and displays the users profile page. Now with 2 books listed in the collection. |
| 56 | In the profile page search bar, enter “Git” | User enters “Git” in profile page search bar. | Observe of the 2 books in the user’s collection, only the “Git Pocket Guide” book is shown in the list. |
| 57 | Click the “Delete all books” button | User clicks the delete all books button | Observe that a confirmation prompt appears. |
| 58 | Click OK to confirm and delete all books. | User clicks the Ok button. | Observe an alert appears informing you all books have been deleted. |
| 59 | Click the ok button. | User clicks the ok button. | Observe the alert disappears. |
| 60 | Clear the profile page book search bar | User clears the profile page search bar. | Observe there are no books displayed in the user’s collection. |

* PRO-06 Verify you can delete your account.

|  |  |  |  |
| --- | --- | --- | --- |
| **Step #** | **Test Step:** | **User actions:** | **Expected Result:** |
| 1 | Navigate to the bookstore URL | User enters: <https://demoqa.com/login> | Webpage loads and Login page is displayed. |
| 2 | Observe there is a username, password field and a ‘login’ and ‘register user’ button |  | The fields are all displayed. |
| 3 | Click the register user button. | User clicks register user button. | User Register webpage is displayed. |
| 4 | Enter the following details:  First Name: Bon Last Name: Jovi Username: BonJovi  Password: MickJagger1234! | User enters the following details:  First Name: Bon Last Name: Jovi Username: BonJovi  Password: MickJagger1234! | Observe there are no visible error messages displayed. |
| 5 | Complete the Captcha | User completes the captcha | User successfully completes captcha |
| 6 | Click the ‘Register’ Button | User clicks the register button. | Observe an alert appears informing you the user is registered. |
| 7 | Click the ok button on the alert. | User clicks the ok button on the alert | Alert disappears. |
| 8 | Click the ‘back to login’ button | User clicks the ‘back to login’ button | Webpage updates to display the user login page. |
| 9 | User enters username and password and logins in. | User enters the following credentials: Username:  BonJovi  Password: MickJagger1234!  And clicks the ‘Login’ button. | User is successfully logged in and their profile page is displayed. |
| 10 | Click the delete account button | User clicks the delete account button | Observe a prompt appears confirming if the user wants to delete their account. |
| 11 | Click the “cancel” button | User clicks the ‘cancel’ button | Observe the account is not deleted. |
| 12 | Click the delete account button | User clicks the delete account button | Observe a prompt appears confirming if the user wants to delete their account. |
| 13 | Click the ‘Confirm’ button | User clicks the ‘Confirm’ button | Observe an alert appears informing the user the account has been deleted. |
| 14 | Click the ‘Ok’ on the alert. | User clicks the ‘Ok’ on the alert. | Observe the webpage updates to the login page and the user has been logged out. |
| 15 | User enters username and password and clicks the login button. | User enters the following credentials: Username:  BonJovi  Password: MickJagger1234!  And clicks the ‘Login’ button. | Observe the error message ‘invalid username/password’ error message is displayed. |

PRO-07 Verify you can delete your account, even though it has books in your collection.

|  |  |  |  |
| --- | --- | --- | --- |
| **Step #** | **Test Step:** | **User actions:** | **Expected Result:** |
| 1 | Navigate to the bookstore URL | User enters: <https://demoqa.com/login> | Webpage loads and Login page is displayed. |
| 2 | Observe there is a username, password field and a ‘login’ and ‘register user’ button |  | The fields are all displayed. |
| 3 | Click the register user button. | User clicks register user button. | User Register webpage is displayed. |
| 4 | Enter the following details:  First Name: Bon Last Name: Jovi Username: BonJovi  Password: MickJagger1234! | User enters the following details:  First Name: Bon Last Name: Jovi Username: BonJovi  Password: MickJagger1234! | Observe there are no visible error messages displayed. |
| 5 | Complete the Captcha | User completes the captcha | User successfully completes captcha |
| 6 | Click the ‘Register’ Button | User clicks the register button. | Observe an alert appears informing you the user is registered. |
| 7 | Click the ok button on the alert. | User clicks the ok button on the alert | Alert disappears. |
| 8 | Click the ‘back to login’ button | User clicks the ‘back to login’ button | Webpage updates to display the user login page. |
| 9 | User enters username and password and logins in. | User enters the following credentials: Username:  BonJovi  Password: MickJagger1234!  And clicks the ‘Login’ button. | User is successfully logged in and their profile page is displayed. |
| 10 | Click on the ‘Go to Book store’ button | User clicks on the ‘Go to Book Store’ button | Webpage updates displaying the bookstore webpage. |
| 11 | Click on the “Git Pocket Guide” link. | User clicks on the ‘Git Pocket Guide’ Link. | Observe webpage updates displaying the books webpage. |
| 12 | Click on the “Add To Your Collection” button | User clicks the “Add To Your Collection” button. | Observe an alert appears informing the user the book has been added to their collection. |
| 12 | Click Ok. | User clicks Ok. | Alert disappears. |
| 13 | Navigate to the profile page. | User clicks the profile button. | Webpage updates displaying user’s profile. |
| 14 | Observe the “Git Pocket Guide” book is now listed in the user’s collection |  | Observe the “Git Pocket Guide” book is now listed in the user’s collection |
| 12 | Click the delete account button | User clicks the delete account button | Observe a prompt appears confirming if the user wants to delete their account. |
| 13 | Click the ‘Confirm’ button | User clicks the ‘Confirm’ button | Observe an alert appears informing the user the account has been deleted. |
| 14 | Click the ‘Ok’ on the alert. | User clicks the ‘Ok’ on the alert. | Observe the webpage updates to the login page and the user has been logged out. |
| 15 | User enters username and password and clicks the login button. | User enters the following credentials: Username:  BonJovi  Password: MickJagger1234!  And clicks the ‘Login’ button. | Observe the error message ‘invalid username/password’ error message is displayed. |