User Testing

Here are manual tests I carried out to check that all features work as expected.

Login/Registration

Sign in ('Sign In' form)

- Navbar link 'SIGN IN' opens 'Sign In' form (login.html).
- Try to submit an empty form and user will receive a 'Please fill in this field' message.
- Enter an existing username and click 'Sign In' button. User get redirected to 'My Page' (my_page.html) and green flash message 'Welcome back! You are logged in.' is displayed at the top of the page.
- Try enter unknown username and submit. User stays on the same page and a pink flash message 'No account found for that username. Please, try again or Sign Up' is displayed on the top of the page.
- 'Sign Up' link on the form redirects to 'Sign Up' form (register.html).

Sign up ('Sign Up' form)

- Navbar link 'SIGN UP' opens 'Sign Up' form (register.html).
- Try to submit an empty form and receive message 'Please fill in this field'.
- Enter a new username and submit form by clicking 'Register' button. User get redirected to 'My Page' (my_page.html) and green flash message 'You were successfully registered and logged in' is displayed on the top of the page.
- Enter an existing username and click 'Register' button. User stays on the same page and pink flash message 'That username already exists! Try again or Sign In' is displayed at the top of the page.
- 'Sign In' link on the form redirect user to 'Sign In' form (login.html).

Sign Out

- By clicking 'SIGN OUT' navbar link user get redirected to 'My Page' (my_page.html) and a green flash message 'You were logged out!' is displayed at the top of the page.

Lists

Only logged in users have access to lists and can create, edit or delete them.

Create List ('Add List' form)

- Navbar link 'MY LISTS' opens 'My Lists' (my-lists.html).
- Click 'New List' button to create a new list. It opens an 'Add List' form (add_list.html).
- Try to submit an empty form and receive message 'Please fill in this field'.
- Enter a new name (that doesn't exist) for a list and click 'Create List' button. User get redirected to 'My Lists' (my-lists.html) where she/he can see the new list have been created and a green flash message 'New list successfully created' is displayed at the top of the page.
- Click 'New List' button and try to create a new list with existing name. On submission of the form the user stays on the same page and a pink flash message 'This list name is already exists! Try again' is displayed on the top of the page.
- Try to create a new list with existing name but use only lower case letters. On submission of the form the user stays on the same page and a pink flash message 'This list name is already exists! Try again' is displayed on the top of the page.
- Try to create a new list with existing name but use only upper case letters. On submission of the form the user stays on the same page and a pink flash message 'This list name is already exists! Try again' is displayed on the top of the page.
- Try to create a new list with existing name but use mix of lower and upper case letters. On submission of the form the user stays on the same page and a pink flash message 'This list name is already exists! Try again' is displayed on the top of the page.
- 'Back To Lists' button brings user back to 'My Lists' (my_lists.html).

Edit List ('Edit List' form)

Only lists that have 'Edit' button can be edited. Default list 'Books I Liked' cannot be edited.

- Navbar link 'MY LISTS' opens up 'My Lists' (my-lists.html).

- Click 'Edit' button of the list and it opens 'Edit List' form. List name is displayed in the input field of the form.
- Edit the list name and click 'Update List' button. User get redirected to 'My Lists' (my-lists.html) where she/he can see the edited list.
- Do not edit the list name and click 'Update List' button. User get redirected to 'My Lists' (my-lists.html) where she/he can see the list name without change.
- Remove list name from the input field of the form and try to submit an empty form. A message 'Please fill in this field' is displayed.

- 'Back To Lists' button brings user back to 'My Lists' page (my-lists.html).

Delete List

Only lists that have 'Delete' button can be deleted. Default list 'Books I Liked' cannot be deleted.

- Navbar link 'MY LISTS' opens up 'My Lists' page (my-lists.html).

- Click 'Delete' button will remove list from 'My Lists' page. List will be removed if it's empty or has books in it.

Books

Search for books (full text search)

A full text search for books feature is allowed to any user. The text search can be done with search for book form on a landing page (my_page.html). This page can also be open by clicking navbar 'SEARCH' link.

- Try to submit an empty form and receive message 'Please fill in this field'.
- Enter a word in text input field and click 'Search For Books' button.
- If books are found, they will be displayed in 'Search Results' page (get_books.html).
- If there are no books found, a message 'No Results Found. Search for books *here*' will be displayed in 'Search Results' page (get_books.html).
  Link '*here*' redirects to my_page.html.
- 'Info/Buy' button on book card brings user to www.amazon.co.uk where she/he can read more about the book, download sample or buy the book.
- Clicking 'Add To List' button will open a modal window, where a not logged-in user will be asked to Sign In/Sign Up. A signed in user will be able to add book to the list.

Search for books by genre

A search for books by genre is allowed to any user. A search by category (genre) can be done on a landing page (my_page.html). This page can also be open by clicking navbar 'SEARCH' link.

- Click on button with category name and all books in that category will be displayed in 'Search Results' (books_by_genre.html).
- 'Info/Buy' button on book card brings user to www.amazon.co.uk where she/he can read more about the book, download sample or buy the book.
- Clicking 'Add To List' button will open a modal window, where a not logged-in user will be asked to Sign In/Sign Up. A signed in user will be able to add book to the list.

Add book to list

- Search for book using full word search form or search by category on my_page.html
- When logged-in user click 'Add To List' button on a book's card, a modal window will open. A user can choose a list to which book will be added by clicking radio button near the list name. By clicking 'Add To List' button user get redirected to the list's page where the added book is displayed at the top of the list.

View books in a list

- Click navbar link 'MY LISTS'. It will open 'My Lists' page (my_lists.html).
- Click name of the list to view it books. It will open list's page.
- List will display added books.
- If there is no books in a list, user will see a message 'This list has no books in it. Search for books here'.
- 'Info/Buy' button on book card brings user to www.amazon.co.uk where she/he can read more about the book, download sample or buy the book.
- 'Remove' button on a book card will delete book from the list. User will stay on the same page.

Admin area

- When the user logged-in as admin an additional 'ADD BOOK' button will appear in navbar to the left.
- Click 'ADD BOOK' button and it will open an 'Add Book' form (add_book.html)
- Try to submit an empty form and receive message 'Please fill in this field'. If any field left out empty user will receive the same message until form is filled in.
- Submit filled in form by clicking 'Add To Collection' button.
- Admin will stay on the same but reloaded page and a green flash message 'New book successfully added to database' is displayed at the top of the page.

Pagination

Pagination links are working as expected. Number of page opens corresponding page and arrows open previous or next page.