

This document serves as a dissection of the current routes found in the Book WebApp GitHub repository. Each route section shows the purpose of the route, what is needed for the route to work, error codes, and results.

Main body of Routes:

<http://localhost:3000>

/health - Health Route

No params needed.

Responds with data array: {status, port} and a 200 on success.
Returns a 500 for an internal service error.

Session Routes:

GET

/session/ - Log In

Params:

- email
- password

Responds with an access token and a 200 on success.

Responds with a 400 if email/password is missing with msg: {Email/Password is required}.

Responds with a 404 if user does not exist with msg: {User does not exist}.

Responds with a 401 if password is wrong with msg: {Incorrect password}.

Responds with a 500 for an internal service error.

POST

/session/ - Create Account

Params:

- firstName
- lastName
- email
- password

Responds with a 201 on success.

Responds with a 400 if firstName, lastName, email, or password is missing with msg: {[First Name/ Last Name/ Email/ Password] is required}.

Responds with a 409 if email already exists with msg: {Email already exists}.
Responds with a 500 for an internal service error.

DELETE

/session/ - Delete Account

Route requires JWT verification

No Params Needed

Responds with a 200 on success.

Responds with a 400 if email is missing with msg: {Email is required}.

Responds with a 404 if email does not exist with msg: {Email does not exist}.

Responds with a 500 for an internal service error.

User Routes:

GET

/user/self - User Account Information

Route requires JWT verification

No Params Needed

Responds with data array {firstName, lastName, email} and a 200 on success.

Responds with a 400 if email is missing with msg: {Email is required}.

Responds with a 404 if email does not exist with msg: {Email does not exist}.

Responds with a 500 for an internal service error.

/user/all - Get All Books in Library

Route requires JWT verification

No Params Needed

Responds with data array {title, author, inShelf} and a 200 on success.

Responds with a 404 if there are no books with msg: {No books in library}.

Responds with a 500 for an internal service error.

/user/byTitle - Search for Books by Title

Route requires JWT verification

Params:

- title

Responds with data array {title, author, inShelf} and a 200 on success.

Responds with a 400 if title is missing with msg: {Enter title}.

Responds with a 404 if there is no book with title input with msg: {Book does not exist in library}.

Responds with a 500 for an internal service error.

/user/byAuthor - Search for Books by Author

Route requires JWT verification

Params:

- author

Responds with data array {title, inShelf} and a 200 on success.

Responds with a 400 if author is missing with msg: {Enter author}.

Responds with a 404 if author does not exist with msg: {No books by author found in library}.

Responds with a 500 for an internal service error.

/user/onShelf - Get All Books User Has

Route requires JWT verification

No Params Needed

Responds with data array {title, author} and a 200 on success.

Responds with a 404 if library is empty with msg: {No books in library}.

Responds with a 500 for an internal service error.

/user/wishList - Get All Books User Does Not Have

Route requires JWT verification

No Params Needed

Responds with data array {title, author} and a 200 on success.

Responds with a 404 if library is empty with msg: {No books in library}.

Responds with a 500 for an internal service error.

POST

/user/add - Add New Book

Route requires JWT verification

Params:

- title
- author
- inShelf

Responds with msg: {Book added to library} and a 201 on success.

Responds with a 400 if title is missing with msg: {Enter title}.

Responds with a 400 if author is missing with msg: {Enter author}.

Responds with a 400 if inShelf value is missing with msg: {Enter inShelf value}.

Responds with a 400 if inShelf value is wrong with msg: {Enter a valid inShelf value}.

Responds with a 409 if book already exists with msg: {Book already exists in library}.

Responds with a 500 for an internal service error.

DELETE

/user/delete - Delete Book

Route requires JWT verification

Params:

- title
- author

Responds with msg: {Book deleted from library} and a 204 on success.

Responds with a 400 if title is missing with msg: {Enter title}.

Responds with a 400 if author is missing with msg: {Enter author}.

Responds with a 404 in book does not exist with msg: {Book does not exist in library}.

Responds with a 500 for an internal service error.