

BookHub API

Endpoint	Method	Description	Input	Output	Possible Error	Scope
/	GET	Index page	N/A	Render index.ejs	N/A	All
/search	GET	Search for books with keywords, condition, and price	Keywords, condition, price	Render result.ejs with searching results	N/A	All
/login	GET	Get login page	N/A	Render login.ejs	N/A	Unauthorized user
/login	POST	Authenticate user	Email, password	N/A	400: bad request	Unauthorized user
/users	GET	Get signup page	N/A	Render signup.ejs	N/A	Unauthorized user
/users	POST	Register user	Username, email, password, phone (optional), avatar (optional)	N/A	400: bad request	Unauthorized user
/users/:id	GET	Get user's profile page	userid	Render profile.ejs	400: bad request	All
/users/:id/private	GET	Get authenticated user's private page	userid	Render private_profile.ejs	401: user unauthenticated	Authorized user
/users/update	GET	Get update profile page	N/A	Render edit_profile.ejs	401 user unauthenticated	Authorized user
/users/update	PUT	Update user's profile	N/A	/users/userId/private	401 user unauthenticated	Authorized user
/logout	GET	Logout current account	N/A	N/A	401 user unauthenticated	Authorized user

/books	GET	Get add new book page	N/A	Render add_book.ejs	401 user unauthenticated	Authorized user
/books	POST	Add new book by manually input information	Booktitle, author, price, ISBN, courseCode, condition, image, description	N/A	N/A	Authorized user
/books/ISBN	POST	Add new book by entering ISBN	Price, ISBN, courseCode, condition	N/A	N/A	Authorized user
/books/update/:id	GET	Get update book page	bookId	Render update_book.ejs	400: bad request 401: user unauthenticated	Authorized user
/books/update/:id	PUT	Update book information	Booktitle, author, price, ISBN, courseCode, condition, image, description	/books/bookId	400: bad request	Authorized user
/books/sold/:id	PUT	Mark a book as sold	bookId	N/A	401 user unauthenticated	Authorized user
/list	GET	List all books (sold book and active book) of the user	N/A	Render mypost.ejs	N/A	Authenticated user
/books/:id	GET	Get book's information page	bookId	Render view_book.ejs	N/A	All
/review/:id	POST	Post a review for another user	userId	N/A	N/A	All