

# API endpoints for Library Management System

## USERS api endpoints

User registration	
POST	"users/register"
User login	
POST	"users/login"
Get all Users details	
GET	"users/"
Get a single user	
GET	"users/{user_id}"
Update a user	
PUT	"users/{user_id}"
Delete a user	
DELETE	"users/{user_id}"

## BOOKS api end points

Add a new book	
POST	"books/"
Get all books	
GET	"books/"
Get a single books	
GET	"books/{book_id}"
Update a book	
PUT	"books/{book_id}"
Delete a book	
DELETE	"books/{book_id}"

## Relationship between book and user api endpoints

Get all books and their associated users

GET "books/users"

Get all users and their associated books

GET "users/books"

Get all books related to a user

GET "users/{user\_id}/books"

Get all users related to a book

GET "books/{book\_id}/users"

Add a book to a user

POST "users/{user\_id}/books"

Delete a book from user

DELETE "users/{user\_id}/books/{book\_id}"

## SCHEMA

### User

user\_id

username

email

password

created\_at

updated\_at

### Book

book\_id

bookname

author

publisher

created\_at

Updated\_at

### UserToBook

user\_id

book\_id

time\_of\_borrow