

Library system design

	Books	Members	Borrowings
Endpoints	GET /books - get all books GET /books/{id} - get book by id POST /books – add a book PUT /books/{id} – update a book DELETE /books/{id} – delete a book	GET /members - get all members GET /members/{id} - get member by id POST /members – add a member PUT /members/{id} – update a member DELETE /members/{id} – delete a member	GET /borrowings – get all borrowings GET / borrowings /{id} – get borrowing by id POST / borrowings – create borrowing PUT / borrowings /{id}/return – Return book
Requests	Create Update Delete Search / List Check if book is available for borrowing	Create Update Delete Get list of his borrowings	Create borrowing Mark as closed (return) Check the status of borrowing
DTOs	"id": 123, "title": "Clean Code", "author": "Robert Martin", "year": 2008, "category": "Programming", "available": true	"id": 55, "name": "John Doe", "email": "john@example.com"	"id": 900, "bookId": 123, "memberId": 55, "borrowDate": "2025-11-25", "returnDate": null
Required fields	title author year category	name email	bookId memberId