

Esemka Library

Esemka Library book borrowing process:



Authentication and Authorization

Token lifetime: 10 minutes

Endpoint	Without Login	User	Librarian	Admin
POST /api/Auth	x	x	x	x
GET /api/BookInformation/{isbn}/Books			x	
POST /api/BookInformation/{isbn}/Books			x	
GET /api/BookInformation/{isbn}/Books/{code}			x	
PUT /api/BookInformation/{isbn}/Books/{code}			x	
DELETE /api/BookInformation/{isbn}/Books/{code}			x	
GET /api/Borrows/Me		x	x	x
POST /api/Borrows/{code}/Reverse		x	x	x
PUT /api/Borrows/{id}/Take			x	
PUT /api/Borrows/{id}/Return			x	
PUT /api/Borrows/{id}/Cancel		x*	x*	x*
GET /api/Me		x	x	x
PUT /api/Me		x	x	x
GET /api/Me/Photo		x	x	x
POST /api/Me/Photo		x	x	x
GET /api/Users				x
POST /api/Users				x
GET /api/Users/{email}				x
PUT /api/Users/{email}				x

POST /api/BookInformation/{isbn}/Books

Generate book code: begin with isbn and followed 3 digits (added by 1 from previous inserted)

Ex: isbn = 1234567890

prev = 006

current code = 1234567890007

POST /api/Borrows/{code}/Reverse

Validate the borrowAt must be later than now

Validate the Borrowing date and Book must be no conflict each other

PUT /api/Borrows/{id}/Cancel

*only user with reserved book able to cancel

POST /api/Me/Photo

Only accept extension: png, jpg, jpeg

File size limit: 1mb

Save photo at "Photo" Folder

Generate unique filename

GET /api/Users

Sort by Email

Filter by keyword in user email, user name, user phone number, address

Admin:

bamys2@baidu.com

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