API Documentation

REST API Documentation for the Library Backend System

User Endpoint APIs

Endpoint: /api/register/

- Type: Post request
- body: first_name , last_name , password , passoword2, email
- Operation: Creates New User Account

Endpoint: /api/users/

- Type: GET request
- Operation: Returns all Users List

Endpoint /api/users/user_id/

- Type: GET request
- Operation: Returns User Detail for User with user_id

Endpoint: /api/login/

- Type: POST request
- Parameters: username, password
- Operation: Generates and Return Auth Token

Endpoint: /api/logout/

- Type: POST request
- Headers: auth_token
- Operation: Deletes user auth_token

Book Endpoint APIs

Endpoint: /api /books/

- Type: GET request
- Operation: Returns all Book List

Endpoint: /api/books/book_id/

- Type: GET request
- Operation: Returns Book Details for Book with book_id

- Type: PATCH request
- Headers: auth token required
- Permission: *Request user must be staff/admin
- Operation: Updates Book Data (works for both book model and book details model)

- Type: DELETE request
- Headers: auth token required
- Permission: *Request user must be staff/admin
- Operation: Deletes Book and Book Detail Data

Borrow Endpoint APIs

Endpoint: /api/borrowed/all
- Type: GET request
- Operation: Returns all Currently Borrowed Books

Endpoint: /api/borrow/book_id/
- Type: POST request
- Headers: auth token required
- Operation: Stores Borrowed Book record for request. User and book with corresponding book_id

Endpoint: /api/borrow/book_id/
- Type: POST request
- Headers: auth token required
- Operation: Updates Borrowed Book record for request. User and book with corresponding book_id