

Bookstore Management System API Documentation

Introduction

Welcome to the documentation for the Bookstore Management System API. This API allows users to perform CRUD operations (Create, Read, Update, Delete) on book information in a bookstore. It also includes user authentication using JWT tokens.

Base URL

The base URL for the API is: `http://127.0.0.1:8000/api/` (Replace with your actual server and path).

Authentication

The API uses JWT (JSON Web Token) authentication. To access protected endpoints, clients must obtain a valid token by sending a POST request to the login endpoint.

1. Login (Obtain JWT Token)

Endpoint:

- Method: POST
- URL: `/login/`

Request:

```
'''json
{
  "username": "your_username",
  "password": "your_password"
}
'''
```

Response:

```
```json
{
 "access_token": "your_access_token"
}
```
```

Include the obtained token in the Authorization header of subsequent requests.

Book Endpoints

2. Add a New Book

Endpoint:

- Method: POST
- URL: `/books/`

Request:

```
```json
{
 "title": "Book Title",
 "author": "Author Name",
 "isbn": "978-3-16-148410-0",
 "price": 29.99,
 "quantity": 50
}
```
```

Authentication:

- Include the Authorization header with the Bearer token.

3. Retrieve All Books

Endpoint:

- Method: GET
- URL: `/books/`

Authentication:

- Include the Authorization header with the Bearer token.

Response:

```
``json
[
  {
    "id": 1,
    "title": "Book Title",
    "author": "Author Name",
    "isbn": "978-3-16-148410-0",
    "price": 29.99,
    "quantity": 50
  },
  // ... other books
]
```

...

4. Retrieve a Specific Book by ISBN

Endpoint:

- Method: GET
- URL: `/books/by-isbn/{isbn}/`

Authentication:

- Include the Authorization header with the Bearer token.

Response:

```
```json
{
 "id": 1,
 "title": "Book Title",
 "author": "Author Name",
 "isbn": "978-3-16-148410-0",
 "price": 29.99,
 "quantity": 50
}
```
```

5. Update Book Details

Endpoint:

- Method: PUT
- URL: `/books/{id}/`

Request:

```
```json
{
 "title": "Updated Book Title",
 "price": 34.99
}
```
```

Authentication:

- Include the Authorization header with the Bearer token.

6. Delete a Book

Endpoint:

- Method: DELETE
- URL: `/books/{id}/`

Authentication:

- Include the Authorization header with the Bearer token.

The API Endpoints need authentication using JWT token .The login endpoint of the API will give you the Access token please use this access token to authenticate and each of the API endpoints.