**Library Management System (LMS) - Spring Boot Application**

**Introduction**

Welcome to the documentation for the Library Management System (LMS) Spring Boot Application. This document provides instructions on how to run the application, interact with API endpoints, and use authentication features implemented using JWT (JSON Web Token).

**1. Running the Application**

git clone https://github.com/your-username/lms-spring.git

cd lms-spring

http://localhost:8080.

**2. Interacting with API Endpoints**

API Documentation

For detailed information about available API endpoints and their usage, please refer to the provided Postman collection:

lms\_spring.postman\_collection.json

Import this collection into Postman to explore and test the API endpoints interactively.

**3. Authentication**

*JWT Authentication*

The application uses JSON Web Token (JWT) for authentication. To obtain an access token, follow these steps:

POST /api/register

{

    "displayName": "test",

    "email": "test@test.com",

    "password": "Pa$$w0rd"

}

Response:

{

"token": "eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJ5b3VyX3VzZXJuYW1lIiwiaWF0IjoxNTE2MjM5MDIyLCJleHAiOjE1MTYyMzk2MjJ9.nIuERZDFCMiD8DKBbHuJh25G2DX6gB8f4THGCV4Y9Hw"

}

**4. Testing**

Running Tests

The application includes unit tests using JUnit 5 and Mockito.