

Library Management system

You are tasked with developing a backend service for a library management system using **Spring Data JPA**. The system should allow the management of books, authors, and their associated details.

Requirements:

1. Entities:

- **Book:** Contains attributes like id, title, isbn, publishDate, and author (relationship to Author).
- **Author:** Contains attributes like id, name, birthDate, and a list of books written by the author.

2. Database Operations:

Implement basic CRUD operations for both the Book and Author entities using Spring Data JPA. These operations should include:

- Creating new authors and books.
- Retrieving all books by a particular author.
- Deleting a book by its ID.

3. Custom Queries:

- Implement a method to fetch all books published after a certain year.
- Implement a method to get a list of authors who have written more than N books.

4. Spring Data JPA Features:

- Use **Spring Data JPA repositories** to interact with the database.
- Use **JPQL** (Java Persistence Query Language) for custom queries