

Library System Assignment

API documentation

The Library Management API provides endpoints for managing borrowers and books in a library. It allows you to register borrowers and books, list all books, and manage borrowing and returning of books by borrowers.

Base Url

<http://localhost:8080/api>

No authentication is implemented in this version. All endpoints are publicly accessible.

End Points

- 1) Register A new Borrower

POST /borrowers

- 2) Register a new Book

POST /books

- 3) Get List of All Books

GET /books

- 4) Borrow a Book

POST /borrowers/{borrowerId}/borrow/{bookId}

- 5) Return a Borrow Book

POST /borrowers/{borrowerId}/return/{bookId}

Error Handling

```
{
  "timestamp": "2024-06-21T12:34:56.789+00:00",
  "status": 404,
  "error": "Not Found",
  "message": "Borrower not found",
  "path": "/api/borrowers/99/borrow/1"
}
```

Run The Application

`mvn clean install`

`mvn spring-boot:run`

Application set to run both prod and non-prod envs.