

## User - Entity

- id(auto generated)
  - name
- email(unique)
  - password
  - role(Enum)
- enabled(authorize user)
  - createdAt
  - updatedAt
- Membership(premium,free etc..)

## RELATIONSHIPS :

User 1 ——< BorrowRecord

User 1 ——< Order

User 1 —— 1 Membership

User 1 —— 1 Author

## Author - Entity

- id
- name
- bio
- profileImageUrl  
(from cloud)
- createdAt  
(date joined)

## Genre - Entity

- id
- name
- description

### RELATIONSHIPS :

Author 1 —— < Book

User 1 —— 1 Author

### RELATIONSHIPS :

Genre \* \_\_\_\_\_ \* Book

## Book - Entity

- id
- title
- description
- isbn
- language
- priceDigital
- pricePhysical
- format
- status
- coverImageUrl
- deletedAt
- createdAt

## RELATIONSHIPS:

- Book \* \_\_\_\_\_ \* Genre
- Book 1\_\_\_\_\_ 1 BookInventory
- Book 1\_\_\_\_\_ < BookContent
- Book 1\_\_\_\_\_ < BorrowRecord
- Book 1\_\_\_\_\_ < Order
- Book \* \_\_\_\_\_ 1 Author

## BookContent - Entity

- id
- chapterNumber
  - title
- contentUrl
- draft(Written online  
by the user)
- createdAt

## RELATIONSHIPS :

Book 1\_\_\_\_\_ < BookContent

**BookInventory - Entity**

- id
- totalCopies
- availableCopies

**BorrowedRecord**

- id
- borrowDate
- dueDate
- returnDate
- status(enums)

**RELATIONSHIPS :**

Book 1 \_\_\_\_\_ 1 BookInventory

**RELATIONSHIPS :**

User 1 \_\_\_\_\_ < BorrowRecord > \_\_\_\_\_ 1 Book

## Order - Entity

- id
- orderType
- pricePaid(price of the book)
- orderStatus
- createdAt

## Membership

- id
- type(enum)
- startDate
- endDate
- isActive
- autoRenew

### RELATIONSHIPS :

User 1 \_\_\_\_\_ < Order > \_\_\_\_\_ 1 Book

### RELATIONSHIPS :

User 1 \_\_\_\_\_ 1 Membership

## RefreshToken

- id
- token
- expiryDate

## AuditLog - Entity

- id
- userId
- action
- entity
- timestamp

### RELATIONSHIPS :

User 1 \_\_\_\_\_ < RefreshToken

Used via AOP

Cross-Cutting logic