

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

Author - Entity

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

Genre - Entity

- id
- name
- description

RELATIONSHIPS:

Author 1 ————— < Book

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:

Book1 —————< 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