

(Scratch) Summary

Due date:

Project Description:

- Hima
- Raveena
- Can we maybe include a delivery service or such?

Operations

- Checking Out
- Placing Holds
- Checking Inventory
- Placing Reviews
- Being able to pay fines
- Filtering system
- Waiting List
- Account management
- Ramya and Aman
- Renew Books → 2 weeks?

Membership Ideas:

- One time Membership fee: \$30, \$5 for card replacement
- Benefits:
 - No need to pay rent for movies and vinyls.
 - Only allowing members are allowed to write reviews

Data:

100 - 200 books

Nandana, Konrad, Matt G

- Movie/Book/Something Else
- Genre is one number
- Author
- Order/Alphabetical
- # of copy

Three Different Collections of Data: f

- Audiobooks
- Movies
- Vinyls

Other ideas

- Bookmarking
- Notifications for when book is available
- User Feedback/ rating system on books
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Business Rules/Policies:

Aryan, Matt K, Afreen

- Everyone creates an account
- Non-membership and membership model (monthly subscription):
 - Cancel Membership Rules:
 - Play with numbers to create incentive to get a membership
 - Just website traffic
 - Can view inventory
 - Must sign up with “non-member” account to access and buy books
 - Non-member access
 - Free/No Monthly Payment
 - Normal Price, Flat Price for audiobooks
 - Cap on number of audiobooks owned
 - Member access
 - Monthly membership
 - Discounts
 - Write reviews
 - No cap on number of audiobooks owned
- How do we check out audiobooks
 - Access Key or connected to your account for audiobooks so no unauthorized access
 - No refunds
 - Expiration date?
- Order Rules
 - Order can stay in cart for 48 hours
 - Order cannot be changed after being placed (audiobooks are instant “shipping”)

Data Operations and Collections

Data Collection 1: Audiobooks; viewing of them will be accessible to both members and non-members. Sourced out of <https://openlibrary.org>

Data Collection 2: User Accounts;

Data Collection 3: Review Lists; while they can only be created by a registered user, visitors and registered users alike will have the ability to access them.

Operation: Writing a review → affects the review data collection

- Audiobooks

- Operation: Search
- Operation: Filter by author, title, genre, popularity
- Operation: Saves where you pause and starts from there next time

- Security

- Server system
 - We host the audiobooks
 - Can't share audiobook with others.
- Secure handling of payment information

- Account

- Operation: Register account
- Operation: Look at personal purchase history
- Operation: Add authors and genre to favorites
- ~~Limited collection~~
- ~~Free trial~~

- Membership accounts

- Operation: Ability to write reviews
- Discounted prices on books and access to sales and offers
- Fee: /month
- Coupons during holidays (coupon codes → Data collection)

- Wishlist

- ~~Operation: View status in queue~~
- ~~Operation: Notifications for approaching turn for the product.~~
- Operation: Check for availability (for wishlist)

- Favorites

- List where you can see what you liked

- Purchasing / Returning

- Operation: System to collect payment info

- PayPal, Apple Pay
 - VISA, Mastercard, VISA Debit, American Express
 - Operation: Taxes
 - Returning
 - No returns/ refunds
 - Notifications
 - Sales??
 - Operation: Check and notify for upcoming sales on holidays

3 Collections: Audiobook Catalog (Non-member Access), User Information, Review List

Audiobooks:

- Title
- Genre
- Author
- Alphabetical Order
- (ISBN?) Code

User information:

- Sign-up
- Username
- Email
- Password
- Phone number
- Access to subscription
- User ID
- Member?
- Purchase history

Review List:

- Member ID to keep track of who wrote the review
- Star System: 1 to 5 stars
- Tailored to each book
- Allowed typed review on said audiobook

Business ops

- Sign Up
- Cost to be Member -> Monthly
 - 10 bucks per monthly
- Member or non-member
 - Member → offers and sales, can pre-order
 - Non-member → limited collection
 - Non-members can only buy x amounts of books per month
 - Reviews
- Buy audiobook
 - No refunds >:|
 - You open on website
 - Books are the same price
 - Members have a discounted base price
 - Members have access to more books
 - Unlimited access to books
 - If they delete an audiobook they have to repurchase it again
- Taxes apply

Everyone signs-up

If you dont you are just browsing

| Non-Members (Free) | Members (\$10/ month) |
|--|---|
| <ul style="list-style-type: none">• Limited collection and purchases• | <ul style="list-style-type: none">• Offers/ sales/ discounts• Pre order privileges• Unlimited access/ purchases |

Draft:

- User will land on website
- Once there they can browse the audiobooks available and the reviews
- To buy audiobooks you must sign up as a member or on-member

Elaboration on non-members

- Non-members can sign up for free
- Once they sign up they are allowed to buy a set amount of audiobooks each month (10 Max)
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Elaboration on members