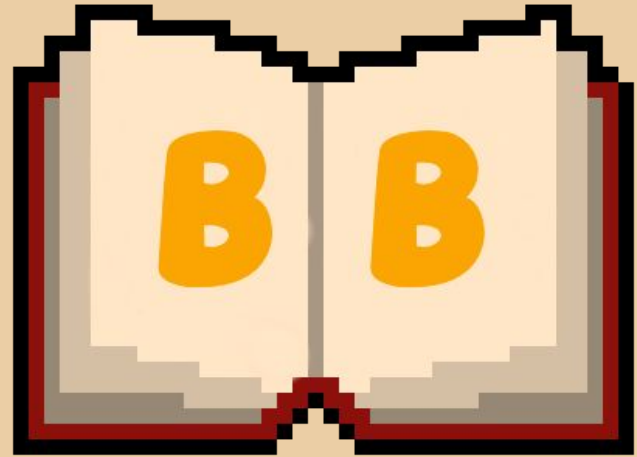


Delivery Four

Book Bargainers



Maria Ringes, Joseph Porpora, Jonathan Thom, Shahzad Manji

What Worked

- Our process kept the whole group involved, making sure everyone understood what changes were being made to the software
 - Used a group message to continue daily communication even when we were unable to formally meet
 - Similar goals for the project, hashed out at the beginning
- Waterfall method
 - Only for smaller assignments with easily identifiable and sequential divisions of labor
- Agile Processes
 - Our constant text communications and Zoom meetings were reminiscent of Agile meetings
 - Frequent meetings allowed us to react to changes quickly based on obstacles we perceived
 - Sprints to get certain functionalities/web pages done before they were due



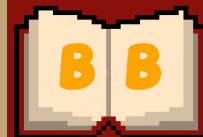
What Didn't

- Waterfall
 - Not applicable in most situations
 - Most functionalities could not be implemented in sequential steps, better to be divided and working on a variety of tasks
- Determining meetings/schedule for larger deliverables
 - Easy to determine how often to meet when the only deliverable is one functionality or one webpage
 - Harder to self-regulate deadlines when many functionalities need to be finished
- Covid Effect
 - In person meetings would have benefited our productivity

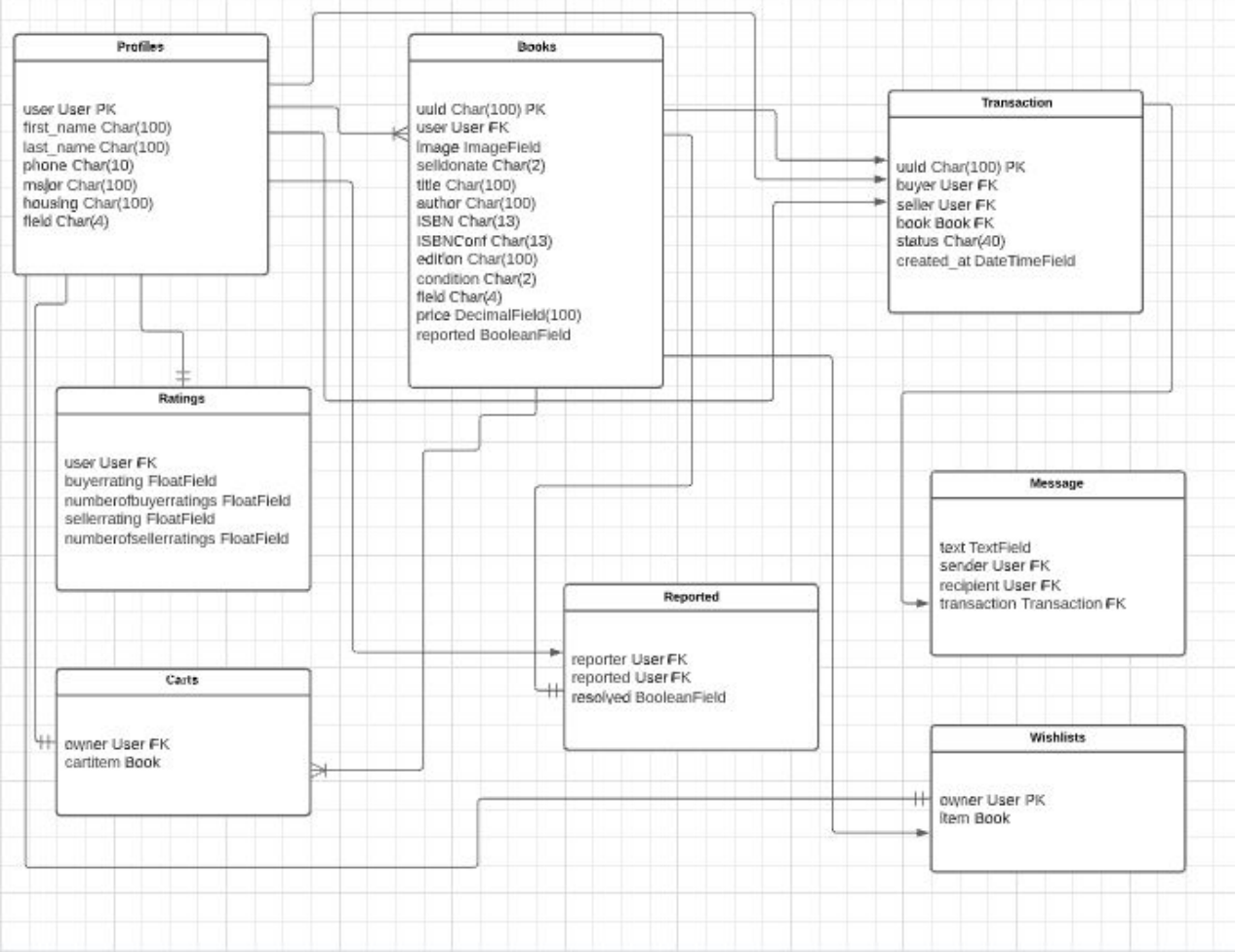


What We Might Do Differently

- No Axure
 - The Axure prototype pages threw off our consistency early on
 - Should have used html universally early on for more consistency
- More evenly scheduled meetings
 - Especially for the final delivery, had to adjust to scheduling more frequent meetings to ensure constant progress
 - Probably adjusted too late to the process of setting our own milestones to reach for the final delivery
- Try to Present Roles and Tasks earlier
 - It took us a while to settle into the project causing the development to be way more abundant closer to the deadline



Our Data Map



Requirements

COMPLETED: RQ1 - A client can be a seller, a buyer or a donor.

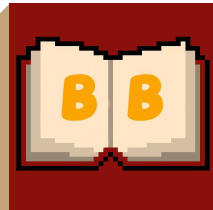
COMPLETED: RQ2 - Ensure that a seller, buyer or donor is related to the college/university, check for BC email

COMPLETED: RQ3 - Each client will have a profile with her/his personal information that should have personal interest that could be gathered from books she/he adds to her/his profile and she/he will have a “rating” as buyer and a “rating” as seller.

COMPLETED: RQ4 - A client may add books(with at least: title, authors, field, course, edition, ISBN 13, picture(s), condition, price) and she/he at end needs to say if she/he is selling, buying or donating the book. Have to confirm ISBN (type it twice) when creating a new listing.

COMPLETED: RQ5 - A client may search for books with filters like: title, authors, field, course, edition, ISBN 13, condition. The filters should be fully independent and they should work if the client selects only one of them. The ability to sort books by least to most expensive.

COMPLETED: RQ6 - Any user of the system may report to the admin that a book being listed in the system is inappropriate. And the admin would be able to “hide” the book and alert or ban the seller.



Requirements (cont.)

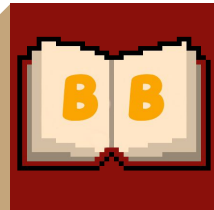
COMPLETED: RQ7 - If a client likes a book and wants to add the book to her/his “cart”, she/he can. In the “cart” the client will see all the books she/he said they wanted and she/he will have the option of contacting the seller or donor.

COMPLETED: RQ8 - By contacting the seller, the software will open a chat between the buyer and the seller/donor of the book, where they can exchange messages until they have an agreement about the book and how they will do business.

COMPLETED: RQ9 - Buyers and sellers should be able to update the transaction status via the chat between the buyer and seller. The statuses available are 1) In progress 2) Completed (pending) -this is when only one user has marked the exchange as complete 3) Completed -this is when both have marked it complete.

COMPLETED: RQ10 - Buyers and sellers should be able to rate the other part of the transactions in the chat once it is marked as complete.

PARTIAL: RQ11 - The client that bought and the client that sold the book will be able to say to the software that the transaction was done and put a rate on the other part of the transaction. *In case the other part of the transaction didn't do that yet, the software should send an automatic email asking for its feedback.* (This “email” however can be seen in messages when the transaction is partially completed)



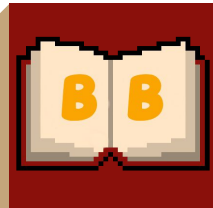
Requirements (cont.)

NOT FULFILLED: RQ12 - To check that product was still in the market, after the software “sees” that there is no conversation between seller and buyer for more than 36 hours the software should send a message to the buyer, asking if he is still interested in the book, or if he already bought the book from the seller.

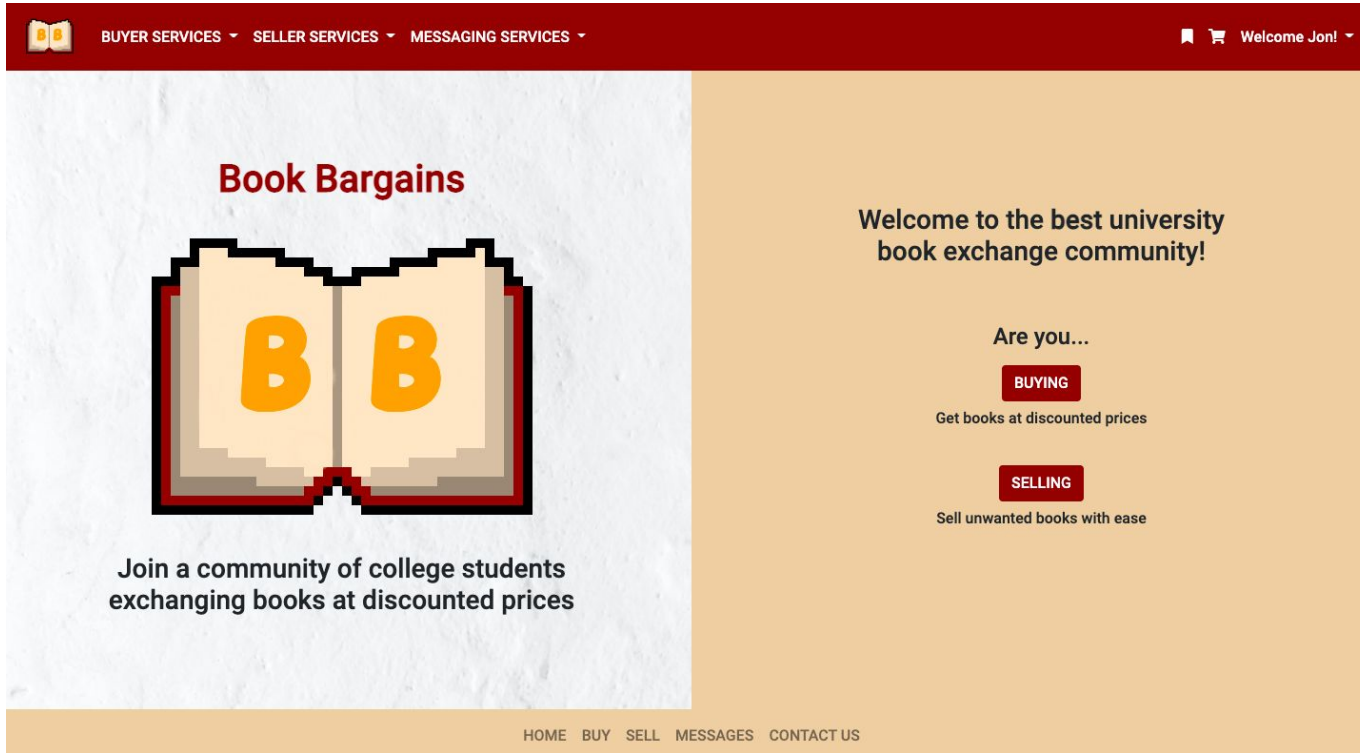
COMPLETED: RQ13 - Clients should also have a way of reporting another client as a problem to an admin. A client trolling, a client that scheduled to do something and never showed up, a client that “threatens” someone on chat, and so on...

PARTIAL: RQ14 - Admin: the software needs an admin that should be able to monitor how many clients the software has, how many books were sold, *how many book searches were done*. And the clients rating (something like watch for the bad ratings).

COMPLETED: RQ15 - If a client reports someone to admin, the person in charge of admin should be able to answer to the client if the problematic client was banned or not, and what happened. So, the admin should also be able to “punish” bad clients, like putting their account on hold or by banning them from the system, according to what they did.

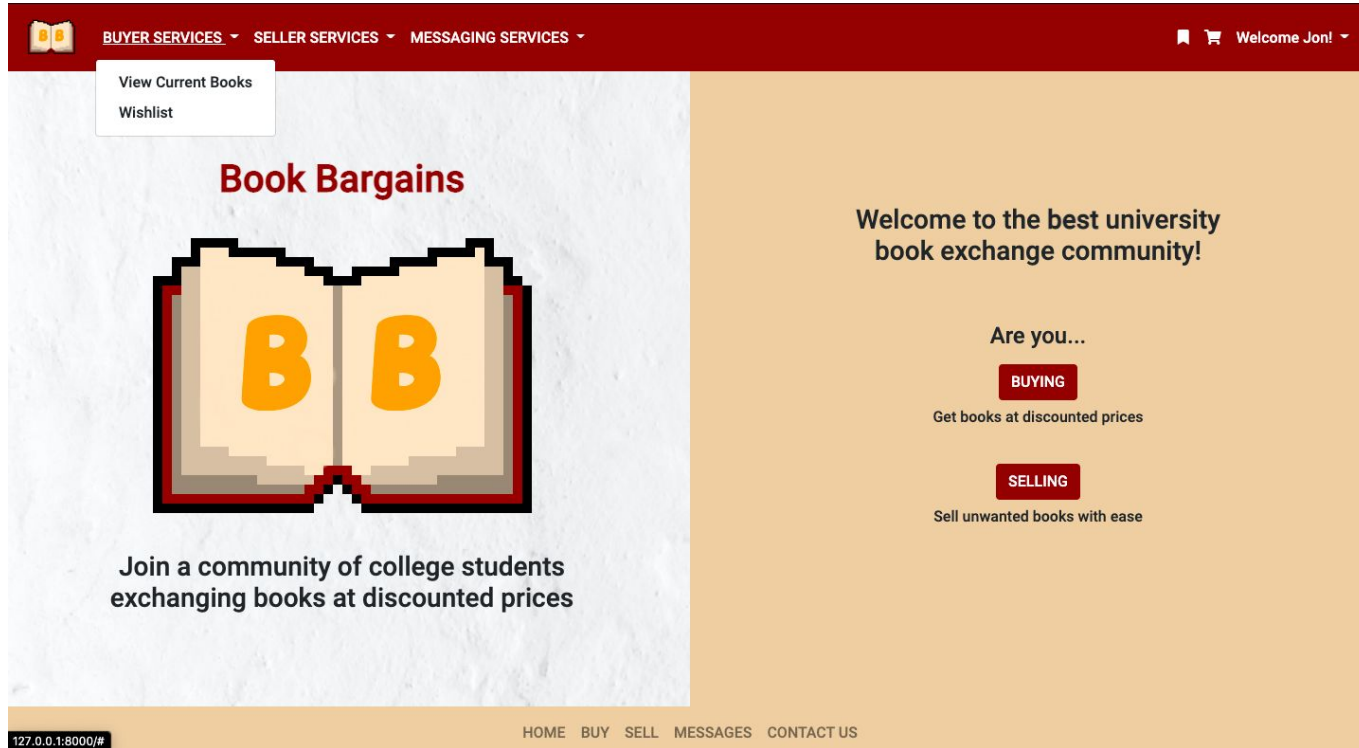


Our Software - First Steps

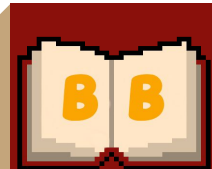


Home Page
(after login)

Our Software - Buyer




Buying Process



Our Software - Buyer


Marketplace


[BUYER SERVICES](#) ▾[SELLER SERVICES](#) ▾[MESSAGING SERVICES](#) ▾


Welcome S!

BOOKS TO BUY

Browse the selection of books that are currently available.

If you would like to add the book to your cart, select . Once at cart, you will have the option to message the owner.

If you would like to add the book to your wishlist for later reference, select .

If you feel threatened or harassed by a post or user, select  to report.

SEARCH BAR

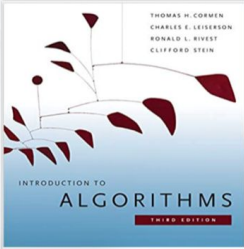
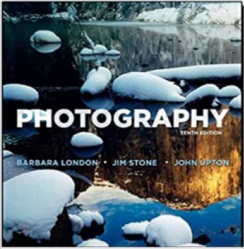
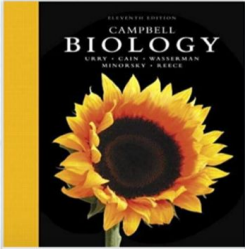
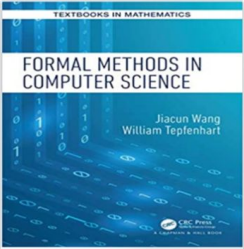
Selldonate: Title: Author: ISBN13: Edition:

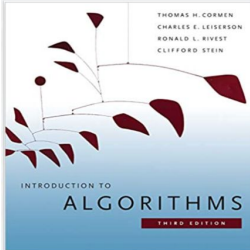
Condition: Field: Price Greater Than:

Price Less Than:

[See All Available](#) [Search](#)

[Sort by Price: High to Low](#)





Introduction to Algorithms

Field: Mathematics




Author: Thomas H. Cormen

Edition: 3rd

ISBN: 9780260338484

Condition: Great

Price: \$43.25



Our Software - Buyer

Your Cart

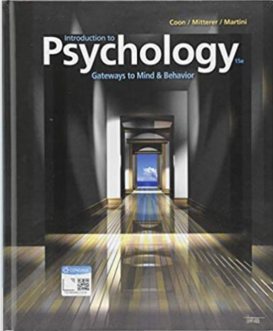
#	Book	Field	Condition	Price	Seller	Remove
1	 Title: Christian Theology Author: Blackwell Edition: 6 ISBN: 9781118869574	Theology	New	\$45.00	Message rings@bc.edu	X
					Total	\$45



Our Software - Buyer

[← See All Transactions](#)

MESSAGING manjish@bc.edu



**Introduction to Psychology:
Gateways to Mind**

Owner: manjish@bc.edu

Author: Dennis Coon

ISBN: 9781337565691

Edition: 15th

Condition: Poor

Field: Psychology

Price: \$25.00

Transaction is complete! ✓

Report User

Are this still available for \$25?

Yes. Where do you live?

I'm in Dorm A. Lets meet there tomorrow at 3pm.

Type message here. Send

Messaging



Our Software - Buyer

[BUYER SERVICES](#) ▾[SELLER SERVICES](#) ▾[MESSAGING SERVICES](#) ▾

Welcome Jon! ▾

RATING

On a scale from 1-5, how would you rate the user you have done the transaction with?
A score of 1 would be extremely poor. A score of 5 would be perfect!


Rating:

[HOME](#) [BUY](#) [SELL](#) [MESSAGES](#) [CONTACT US](#)

Ratings



Our Software - Seller

 BUYER SERVICES ▾ SELLER SERVICES ▾ MESSAGING SERVICES ▾

🏠 🛒 Welcome SI ▾

LIST A BOOK

Please fill out the following fields to list a book.




Image:

Choose File no file selected

Selling or Donating?

Select One ▾

Title:

Author:

ISBN13:

Confirm ISBN:

Edition:

Condition:

Select One ▾

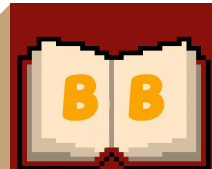
Field:

Select One ▾

Price:

List

Listing




Our Software - Profile

[BUYER SERVICES](#) [SELLER SERVICES](#) [MESSAGE SERVICES](#)

My Profile


MY PROFILE

Below is the information currently associated with you user, including profile information as well as any books you may have listed. Additionally, explore books that have been recommended.

**USER PROFILE**


Welcome, Josephine Thurst
Email: jprof@bbs.com
Phone: 01234 567 890
Major: Latin
Reading: French 1

BOOK RECOMMENDATIONS



Name
Field: Languages
Author: Cornelius
Edition: 3
ISBN: 1111111111111
Condition: Average
Price: \$35.00
Message Seller
Buy Add Watch

MY CURRENT LISTINGS



Shops: 101
Field: Settings
Author: ABC
Edition: 1st
ISBN: 123
Condition: Great
Price: \$25.00
Delete Book

HOME BUY SELL MESSAGE CONNECT US

Profile



Our Software - Messaging




BUYER SERVICES ▾ SELLER SERVICES ▾ MESSAGING SERVICES ▾

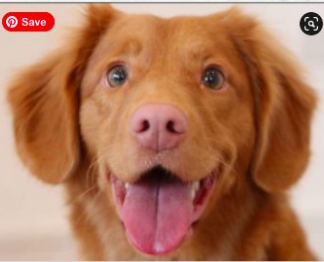



Welcome Jonathan! ▾

YOUR TRANSACTIONS

Transactions as Seller

 Save





Book Title: Dogs 101

Book Owner: jon@bc.edu

Status: CREATED

Open Chat with jon2@bc.edu

Transactions as Buyer

