

Partial Spec?

Wednesday, July 15, 2015 4:38 PM

Static Pages (backend template stuff)

Carleton.hitsthebooks.com/

Data needed:

- School name
- School stats
- School picture?
- Recently added listings?

Hitsthebooks.com/book/8175960922/Quantum-Computation

Data needed:

- Name
- Authors
- Edition
- Publication date
- Picture
- ISBN
- Page count
- Listings. Per listing:
 - Seller id
 - Condition
 - Selling price
 - Renting price
- Amazon data
 - Url
 - Selling price
 - Renting price

Actions:

- Per listing
 - Send email to user
- Watch book
- Add listing

Hitsthebooks.com/user/34

Data Needed:

- User info
 - Name
 - Class
 - Description
- Listings. Per book:
 - Book name
 - Book image
 - Selling price
 - Renting price
 - Quality

Actions:

- Per listing
 - Make offer

Hitsthebooks.com/search#q=quantum%20mechanics

Actions:

- Search

Hitsthebooks.com/browse/

- Dumb stuff

Actions (Front-end RESTful stuff)

Search

1. User starts typing
2. Every .5s query server and update url (don't add to history)
Data needed: List of ≤ 5 (?) books. Per book:
 - Name
 - Authors
 - Edition
 - Publication date
 - Picture
 - ISBN
 - URL?
3. Override throttle on [enter]
4. Once a book is selected, add search to history and move on

Make Offer

1. Pop-up with default message
2. Send or cancel

Watch Book

1. Watch/unwatch toggle

Add Listing

1. Pop-up
2. Adjust settings
3. Submit or cancel

Dashboard stuff

Edit Profile
Delete listing
Remove from watchlist

API Functions

Requiring Auth

addToWatchList(user, bookId)

removeFromWatchList(user, bookId)

```
updateProfile(user, profileObj)
addListing(user, bookId, condition, sellingPrice, rentingPrice)
makeOffer(user, listingId, message)
removeListing(user, listingId, sold?)
```

Not Requiring Auth

```
search(string)
```

Questions:

- International Ed's?
- Hardcover vs softcover?
- ID & URL duplication?
 - Would let front end not have to care or know about routing
- Lazy cache Amazon data?
- How do we handle user avatars?