### **Books**

* **Attributes**
  + BookID
  + Title
  + Genre(Horror,Action,Sci-fi,Fantasy,Romance)
    - <https://reference.yourdictionary.com/books-literature/different-types-of-books.html>
    - Can have multiple genres
  + Description
  + Language
  + Cost
  + Picture maybe (multiple)
  + IsSold
  + Quantity?
  + Date posted
* **Functions**
  + List Comments

### **Comments / Review**

* **Attributes**
  + bookID
  + userID
  + Date and time posted
  + Content (with limits)

### **Genre**

* **Attributes**
  + Id
  + Name

### **SaleTransaction**

* **Attributes**
  + SellerID
  + BuyerID
  + BookID
  + BuyerSold
  + SellerReceived
  + Transaction Date
  + Transaction Status (Ordered, in transit, canceled)

### **User**

* **Attributes**
  + Type (buy and seller / admin)
  + Username
  + Password
  + Name
  + Dob
  + Email
* **Functions**
* Normal user
  + Register
  + Login
  + Sell book (list book sale)
  + Buy book
  + Edit book listing
  + View books
  + Edit profile
  + Report users?
  + Add to cart
  + Review or comment books
  + Follow users?
  + Add book to watchlist
  + Cancel Order
* Admin
  + Login
  + CRUD all things idk
  + Ban users?

### **Pages**

* **Main Page / Listing Page**
  + List all book sales with filters (idk if User should login first to view)
    - Filter and / or Search
      * Additionally can filter by following (e.g. filter listings based on who the user follows)
  + User can add books from the Main Page / Listing Page as well
  + When User click on a listing, they will be brought to the Book Details Page
* **Book Details Page**
  + Shows a image of the book listed
  + Details of the book
  + Shows reviews of the listing
  + Button
    - To add to cart
    - To favorite
* **Cart Page**
  + User can view books that they added to the cart
  + Users can confirm order or whatever carousel does
* **Login**
* **Register**
* **Manage Profile**
  + Edit Profile of User
* **Manage Listings**
  + View listings of User and allow User to edit listing
* **View Favorites**
* **View Orders**
  + Users can finalize the order when they perform the transaction with each other
  + Users can cancel the order
* **Settings**
  + Like change password and stuff