Team Gr8

Features:

- Login/User Authentication
  - Functional:
    - The user shall be able to Login using @colorado.edu Google account or Identikey
  - Non-Functional:
    - Authentication using Firebase Authentication (OAuth2)
- Search Feature
  - Functional:
    - The user can search and filter books by class, price, ISBN Number, etc.
  - Non-Functional:
    - The client will request all the listing and filter results based on the search filters
- Product Page
  - Functional:
    - Page with information about the content, price, and reviews of the book. Product page will also show if there is availability
  - Non-Functional:
    - Linked from the search page
    - Request data from the listing on Firebase
    - User can choose one of the listings and get in contact with the seller, as well as go to the payment page if they want to purchase
- Payment Page
  - Functional:
    - The user is able to enter payment information and complete a purchase
  - Non-Functional:
    - Will reroute users to a third-party payment system so that our website doesn't have to deal with transactions and storing credit card info, etc.
    - Paypal would be an example of a payment system option
- Account Page/History
  - Functional:
    - Only accessible to logged in users, will show purchased history and sold history
  - Non-Functional:
    - Request User's info from Firebase and display that data

- Seller Page - New Listing
  - Functional:
    - The sellers of the book should be able to put up their books for sale, setting their desired price, giving a description of the quality of the book, and verifying the ISBN in order to make sure that it is a real book which will be useful to the marketplace.
  - Non-Functional:
    - Users will be able to enter their book into the database of books being sold.
    - ISBN will likely be verified using an API of some sort
- Home Page
  - Page to inform the user what our product is, as well as providing an aesthetically pleasing landing page for our marketplace.
- Messaging Feature
  - Functional:
    - Buyer and Seller should be able to send each other messages to confirm delivery of the book, or do other things such as negotiate price
  - Non-Functional:
    - Client will request from that user's chat history and push new messages/conversations when they occur

KanBan Board Link
https://github.com/users/cooperjones13/projects/1