

Comic Book Collection Asst.

Description

This application allows users to manage their comic book collections and arrange trades with other users. Public API data should be used to enhance the import and display of collection items.

Project details

- Category: General
- Difficulty:
- Suggested stack: Not specified
- Approval status: Approved

Target users

Anonymous User

- * Can browse registered users' collection marked as "Public"
- * Can see aggregate data about all collections (i.e. total number of Spiderman comics in all collections)

Standard User

- * Can create personal collection with up to 100 comics.
- * Can do all thing Anonymous users can do

Premium User

- * Can store unlimited number of comics in collection

Tags

MVP, Notes, Optional

User Stories

Register

As an anonymous user, I should be able to create a Standard or Premium user account.

Login

As an anonymous user, I should be able to log into the system.

View Collection

Displays all comics from a user's collection.

Anonymous users can only see collections that owners have marked as Public.

Create Collection

As a Standard or Premium user, I can create a collection. Users can have multiple collections.

View Collection Statistics

Displays statistics about the collection. Options include things like "Number of comics for [x] superhero" or "Number of Marvel comics". Talk to Product Owner to approve the specific statistics.

View Aggregate Statistics

As an anonymous user, view aggregate statistics for all collections. i.e., Total comic books in all collections; total Marvel comics in all collections, Total Spiderman comics in all collections.

Add a Comic

As a Standard or Premium user, add a comic to your collection. If Standard user, can only add 100 comics. As premium user, can add unlimited comics.

Share collection link

As a Standard or Premium user, can send a URL to a friend who can see my collection, regardless of whether it is marked as public or not.

Get Comic Info from API (Marvel, UPC, and/or other)

See <http://developer.marvel.com>, comicVine, or others

Leaderboards

Display usernames who have the most comics in various categories

Friends List

Allow users to create a Friends List. Friends can see other friends' collections regardless of whether those collections are marked as "Public"

"Complete My Collection" info

Use an API to discover which comics are missing from a collection - i.e. full run of Spiderman; All comics by Stan Lee; etc.

Bulk Add / Import

Add multiple comics on the same screen, or upload a CSV/TSV (or other format) file to add multiple comics.

Export Collection

Export collection info to CSV/TSV file (or other format). Can be imported again using Bulk Add.

Trade with another user

As a user I want to arrange a trade of item(s) from my collection for item(s) from the collection of another user.