Project Description

Background

My hobby is collecting and reading comic books. However, identifying bespoke cover art by specific artists or finding comics by the same author is particularly difficult given the vast number of comics and diverse contributors. My database application aims to allow users to create comic book lists, where they can add comic books they wish to obtain or currently have in their collection. Entries in this list can be customized to reflect the specificity of a comic book if necessary. Users can access a database of existing comic books they can search through and add search parameters.

Implemented Features:

- Users can search for specific cover artists, editors, writers, inkers, pencilers, and more to find their comic book contributions.
- Support for creating multiple comic book lists.
- Option to include professional gradings in comic book list details.
- Feature to add comic books not currently in the database.
- Multiple user profiles can be added and switched seamlessly.
- Users can upload custom images of comic books to their lists.
- The database focuses exclusively on comic books published by DC Comics due to the impracticality of cataloging all published comics.
- Contains over 40,000 DC Comics entries, with data derived from a manipulated CSV file used to create database tables.

Due Diligence

• There can be no legal repercussions to my created website since the different comic books and the people who work on them are public knowledge.
• My application will not give access to the comic books themselves, just information regarding what comic books they may be interested in based on their search criteria

Sample Data:

• The data used for my database was found at:
https://www.kaggle.com/datasets/deepcontractor/dc-comic-books-dataset (Which has a CC0: Public Domain – license).

Comic Book Database ERD