John Ord

Professor Evan Hennis

Advanced C#

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Final Project Documentation

**Project Title:**

My Comics List

**Problem Statement:**

I want to build a Site that reviews and compiles the best video comics into a list for viewers to choose from. Viewers can see the best rated to the worst rated video comics in the list, or they can add their own review on a comic that they have played and want to rate. This website can also be built in a way to influence expansion to other types of media entertainment, such as movies or books. At the moment, it is meant to be a website that allows users to review and rate comics.

**Solution:**

This website will allow users to add their own reviews to comics that they have played. It will allow those users to edit or delete their own reviews. It will allow admin users to add new comics to the list of existing comics in the database. It will show users the highest rated comic based on its reviews, along with the number of reviews it has. It will also allow users to read reviews of a selected video comic.

**Technologies Used:**

This website will incorporate all the final project requirements because it will have user authentication as well as user authorization in order to have personal accounts and admin accounts. It will have user validation to make sure users to not make a review on a non-existing comic, as well as a few models to hold the different items for the database. There will be one table for the comics that are available, one table to hold users, and a table to hold the reviews. There will be a service class to hold all the business logic and functions required, as well as controllers and razor views to complete the website. It will have multiple pages, one to look at comics, comic reviews, add review, edit review, and delete review.

**Database Design:**

Comic table:

ComicId, Title, Rating, TotalReviews

Review table:

ReviewId, UserId, User, ComicId, Comic, Rating, ReviewContent

User table:

UserId, UserName, Password, AuthLevel