Project Name: AniMedia

Student Names: Ryan Burns & Ethan Carrera

Date: 1/13/2023

Project Description:

AniMedia will be a website where users can go on and rate anime's that they have watched. A solo star rating system where the user can rate and write an explanation of their rating.

The home page will show all the anime's that are within the database and list them in order of ranking, based off the overall rating given to them.

AniMedia will allow users to add their friends based off the username#MD5(primeKey&Birthday.) For example, a person with the username Jellert who was the 5th person to sign up whose birthday date, not the month or year but the date itself I.e., 4th, would be MD5(54) then take the last 4 digits and use it for that (it would be Jellert#8436.)

Adding your friends would allow you to see what they have recently rated or commented on and have them see what you have recently commented on and added to your lists as well.

Animedia would be able to search for specific anime's, and if it's something that isn't there it can be added by any user. The only way someone wouldn't be able to add in a new anime is if the anime is already there.

To add an anime, you'd need a picture to upload, the title, genre, and where someone can watch it.

When you're on the page of the anime you can click the watched button to add it to your list of watched animes and/or rate now and it'll allow the user to click 1 – 5 stars 1 being the worst 5 being the best. Ontop of that it'll have a text box in where it's not necessary, but someone can write about it going into detail.

Functionality:

- Limited guest accessibility

- Guests can only browse and search for anime. They must log in to rate or edit.

- Admin and User login that is secure and validated

- Admins can update/delete/add/rate any information

- Base Users are allowed to add new data for an anime that is not yet in the database, edit/delete data that they themselves have added, and rate anime.

- If a user is signed in, they are also able to send friend requests to other users.

- Friends can view each other's watched anime, rated anime, as well as comments/reviews left on anime.

- Being able to add friends and on your Homepage see what your friends have rated and what anime's have been recently added.

Development Platform: We'll be using html bootstrap to make the look of our front end. PHP will be used for the back end and the full functionality with the SQL Server. We might use some JavaScript to add or remove a class from the html in case we want to try to make a light or dark mode. One of the main reasons we're using PHP and SQL is because we used this last term and can build off recent knowledge.