

ADVANCED WEB PROGRAMMING PROJECT

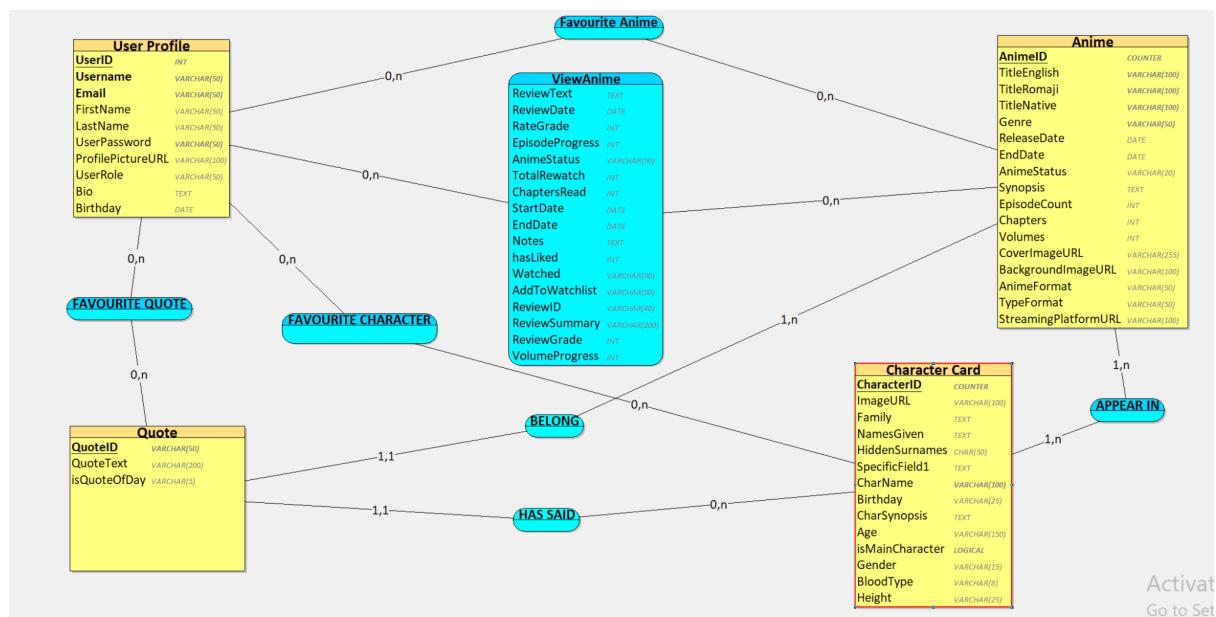
GROUP MEMBERS (1/1): Yoke NGASSA

PROJECT DESCRIPTION:

This database is dedicated to anime and will serve as a big reference for anime enthusiasts. It will allow users to explore a vast catalog of anime series and movies, read beloved character cards from the world of anime, and relish iconic quotes that have left a lasting impression on thousands of anime lovers. More than that, users will be able to build their own watchlist and keep track of shows they have already watched or not, and they will also be able to select their favorite anime, quotes, and of course characters. There are so many anime that have been created, so keeping track will be an easy job thanks to this database.

Whether you're a long-term fan of anime or simply a newbie, this database will help you find your next anime binge, or immerse yourself in anime culture by scrolling through characters and quotes.

ER DIAGRAM / TABLE STRUCTURE DIAGRAM:



- BY YOKE NGASSA

This ER Diagram outlines how the different tables/objects or my database are related to one another.

Object-oriented Analysis & Design with UML Project

GROUP MEMBERS (1/1): Yoke NGASSA

PROJECT DESCRIPTION:

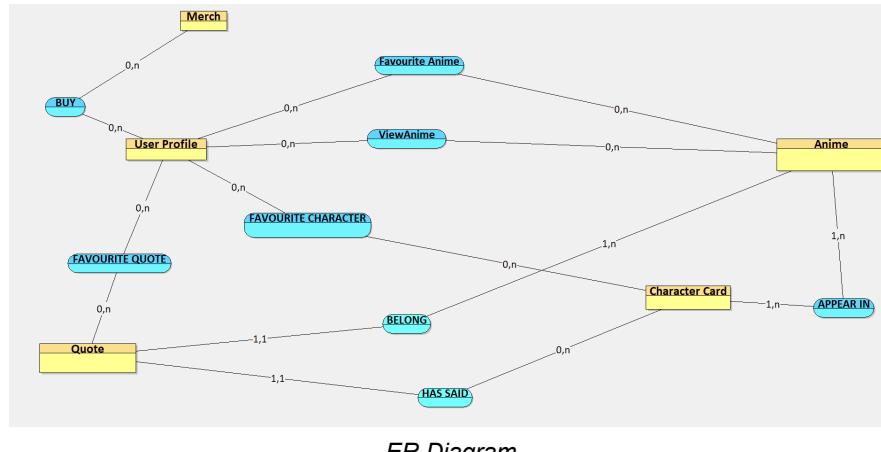
This anime database is a haven for anime enthusiasts. Users can browse into an extensive catalog of anime series and movies, browse beloved character profiles, and relish memorable quotes that have captivated anime lovers.

What sets this platform apart are its interactive features:

- Recommendation System: Discover new anime tailored to your preferences.
- Discussion Forums: Engage with fellow fans in lively discussions.
- Rate and Review: Rate and review anime/manga to your liking.
- Catalog Browsing: Have fun interacting with anime characters through chatbots, games, and quizzes.
- Add To Watchlist: Add several anime/manga to your watchlist, and customize your user experience.
- Buy Some Merch: The user will be able to buy some 'YourAnimeHub' merch related to the website. The website will also provide some custom merches related to anime. People who buy the merch will have a special badge on the website. However, the user will need to post 5 forum threads or make at least 5 reviews to access this functionality.
- User Stats: Keep track of your viewing history and engagement on the platform.

Whether you're a seasoned anime fan or a newcomer, this platform is your gateway to the anime universe, offering an array of features to enhance your anime experience.

ER DIAGRAM:



ER Diagram

- By Yoke NGASSA

This ER Diagram outlines how the different tables/objects or my database are related to one another.

TABLE STRUCTURE DIAGRAM:

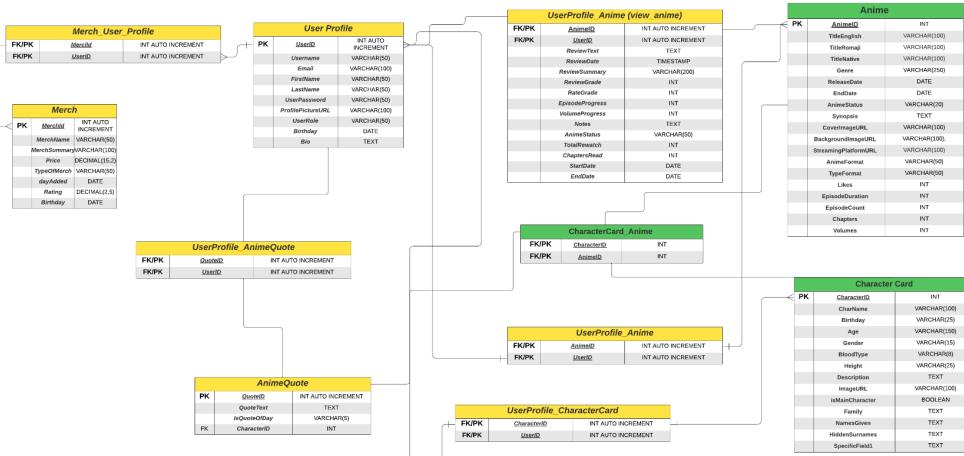


Table Structure Diagram

- By Yoke NGASSA

This table structure diagram illustrates the structure of the tables of my database, by displaying the attributes of each table. It also puts relation between the tables as a table with its own attributes. **UserProfile_AnimeQuote**, **Character_Card_Anime**, for example, are relationships and the diagram shows its structure.

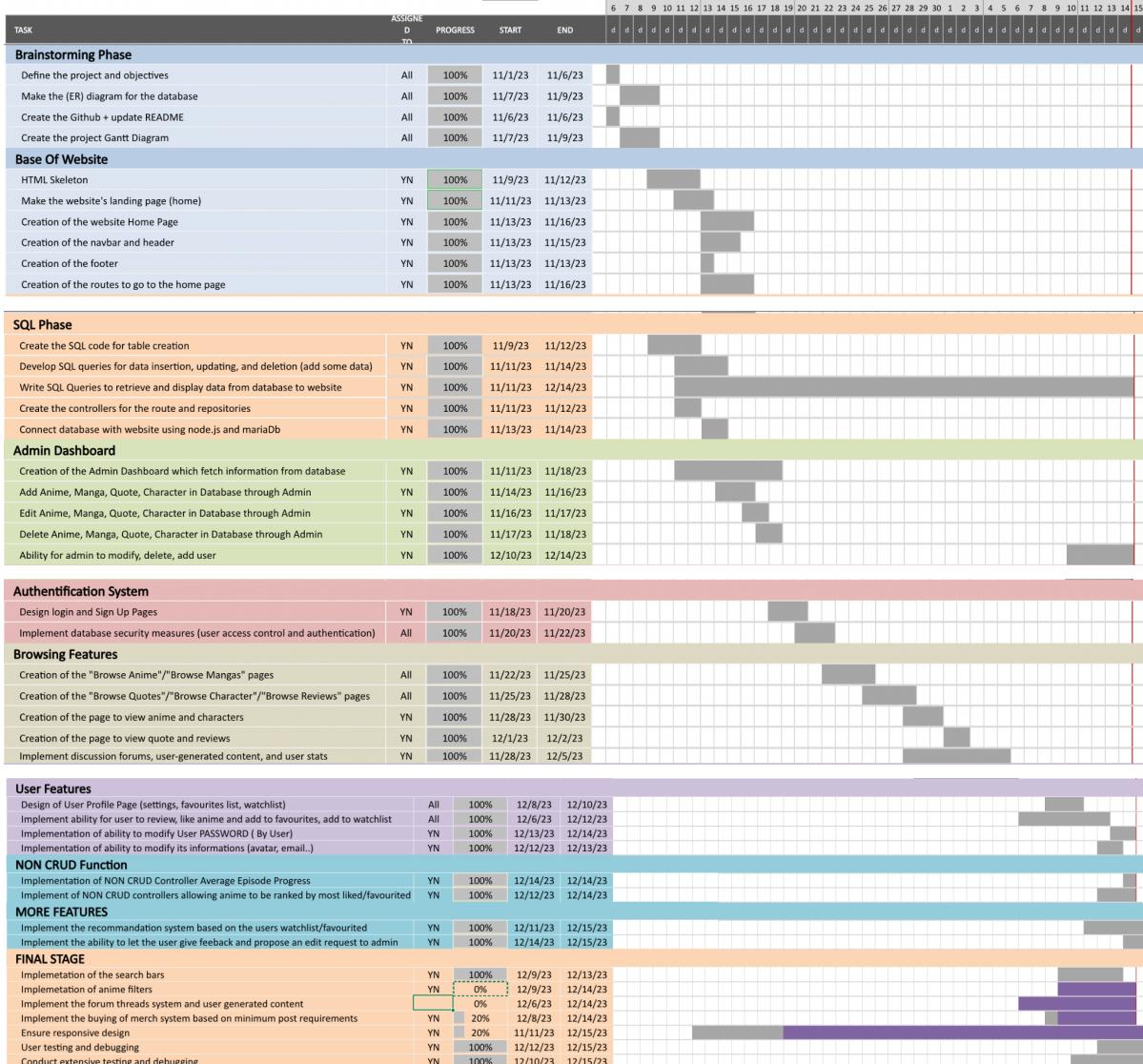
GANTT DIAGRAM:

UML project

[YourAnimeHub]

Members:

YN -> YOKE NGASSA

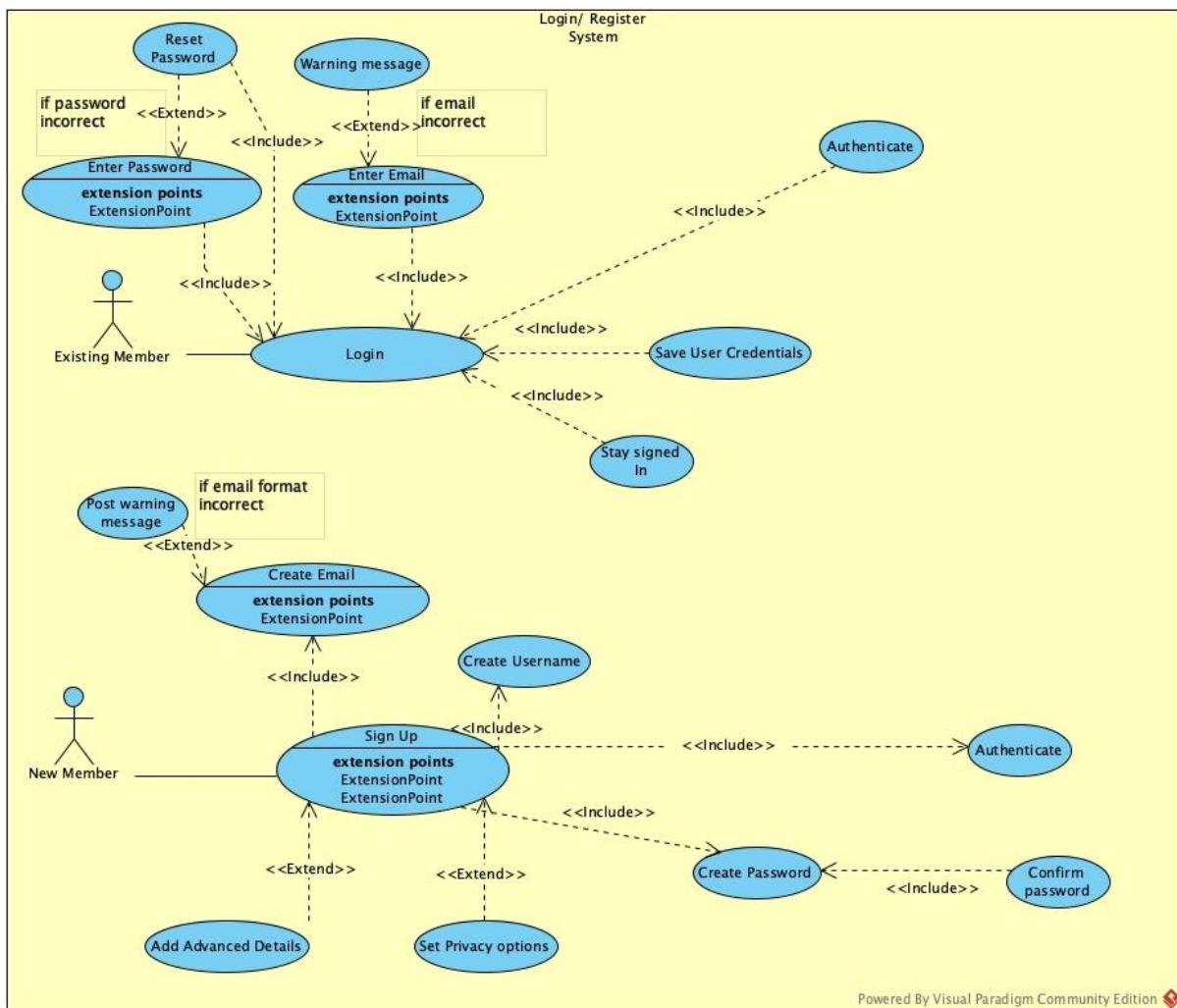


Gantt Diagram #1 - From beginning of November 2023 to December, 15 2023

- BY YOKE NGASSA

This Gantt diagram provides a visual timeline of project phases and tasks, which will help in project management and progress tracking. The diagram goes from beginning of November 2023 to the 15th of December. The diagram is divided to provide a more clear view of the tasks to be done.

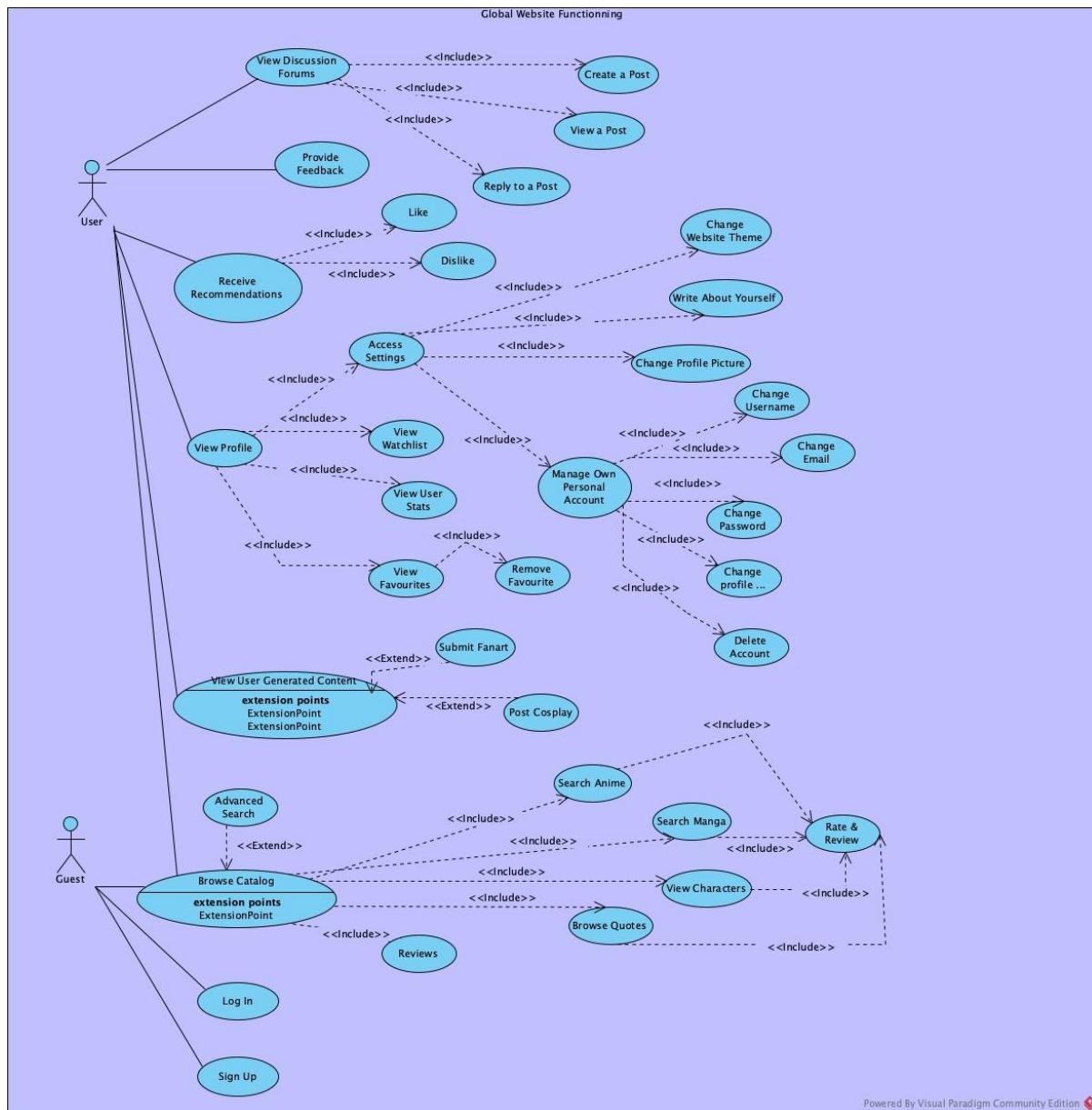
USE CASE DIAGRAMS:



*Use-Case Diagram #1
User Authentication System*

This use case diagram focuses specifically on the user authentication process, user login and registration. It was created to highlight the steps and interactions involved in authenticating users. The conditional behaviors, such as "Reset Password," are included to address specific scenarios where users may need to reset their passwords. This diagram clarifies the conditional logic behind user authentication, to emphasize the importance of security and access control.

- By Yoke NGASSA

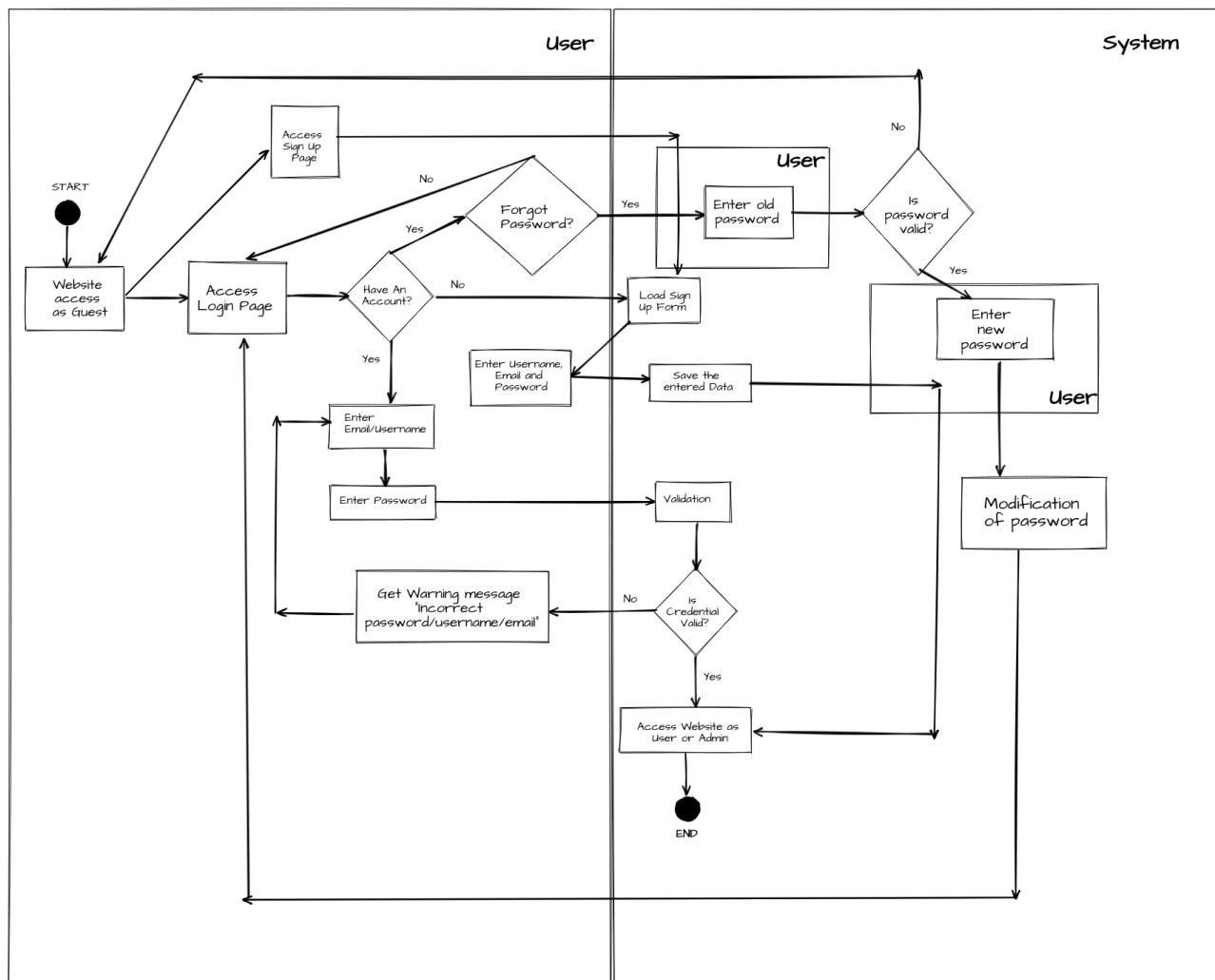


Use-Case Diagram #2
Global Website System

This use case diagram illustrates the key interactions and functionalities of the website. It was designed this way to provide a clear overview of how an existing member and a guest interact with the system and the core use cases.

- By Yoke NGASSA

ACTIVITY DIAGRAM:

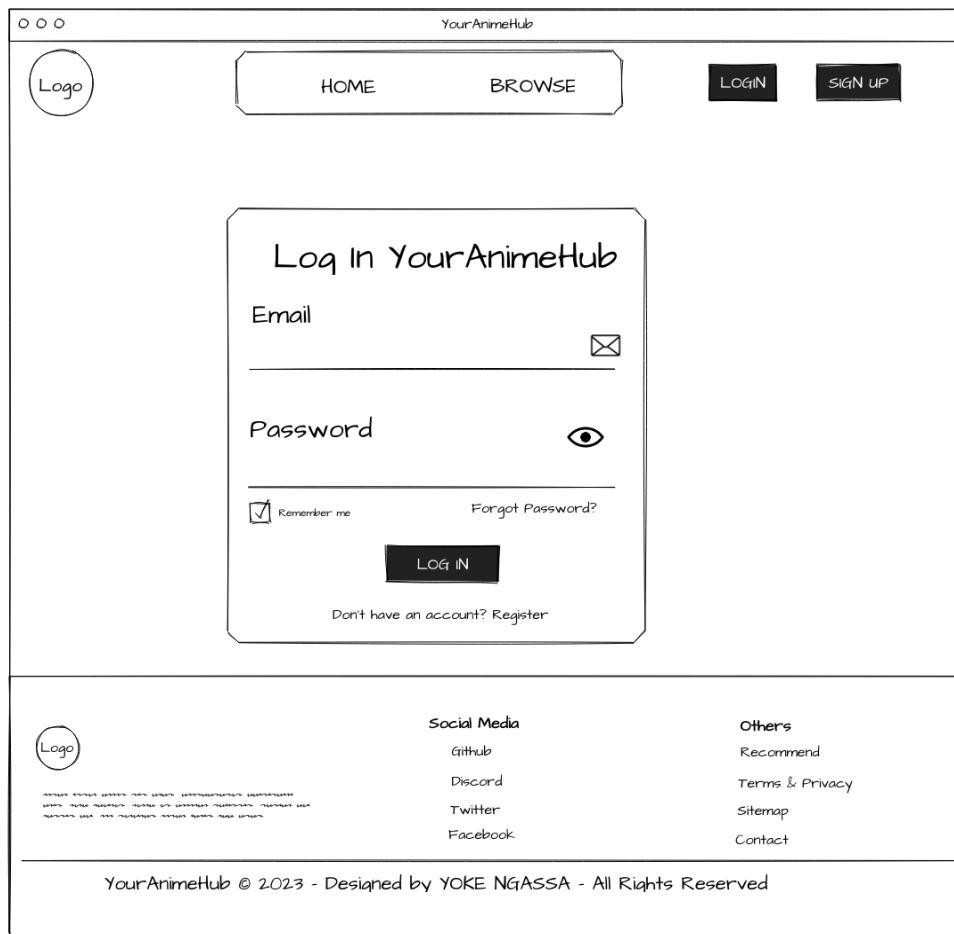


Activity Diagram #1

This Activity diagram is the activity diagram of the authentication system. It provides the hierarchy in the user actions when he starts the authentication process (sign up and login).

- By Yoke NGASSA

WIREFRAMES:

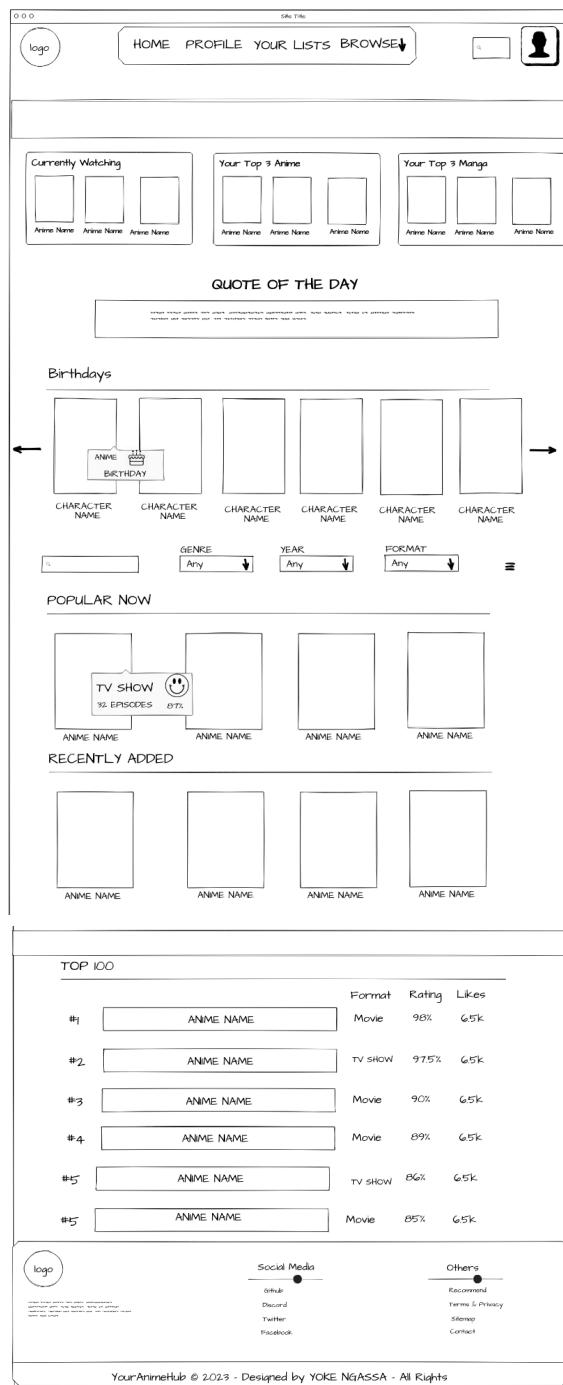


Wireframe #1 : Login Wireframe

This Wireframe displays the functional elements of the login page. The page contains the login button to authenticate oneself. It also contains the 'Register' which will lead to the register page.

- By Yoke NGASSA

- *Home (User role)*

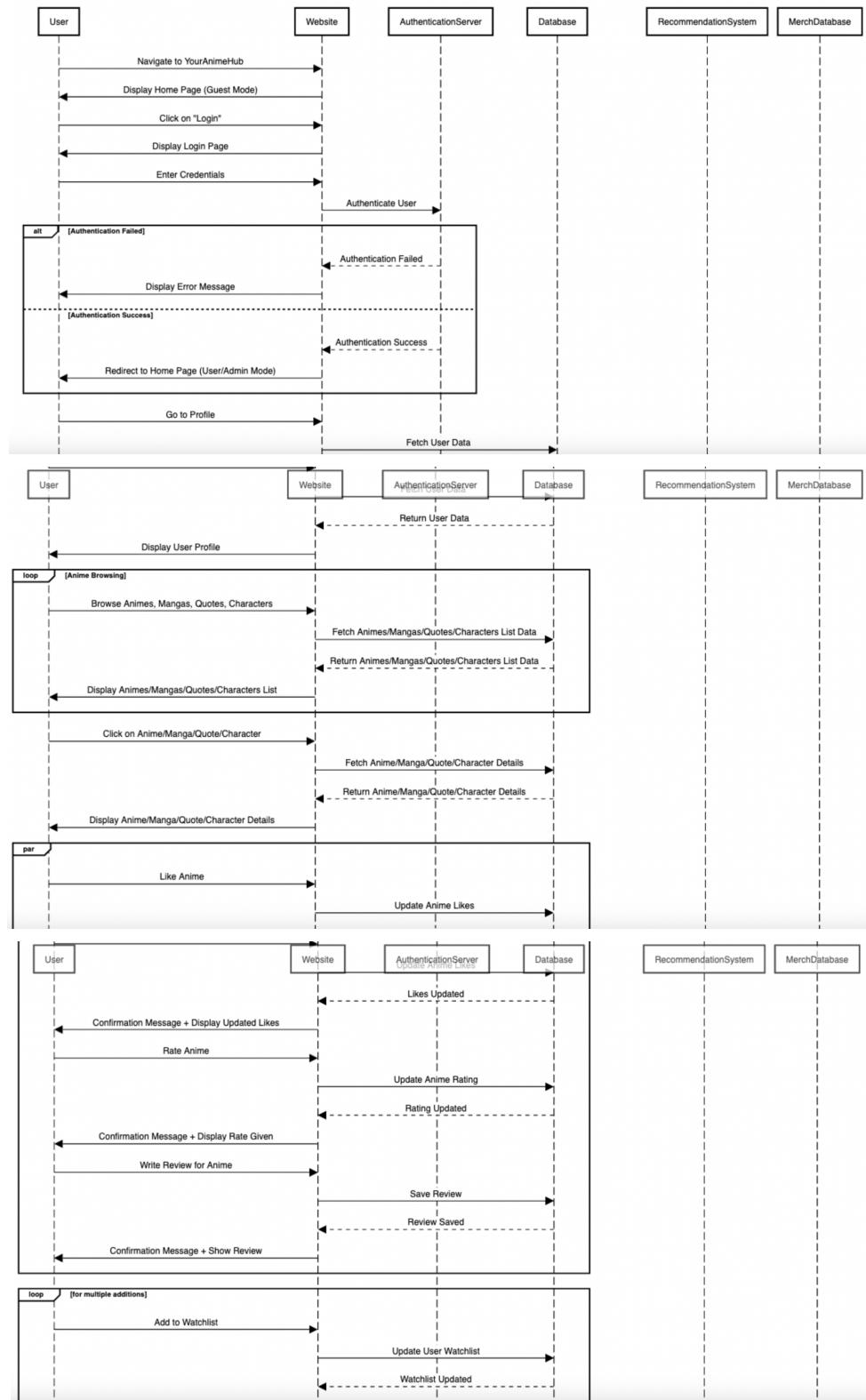


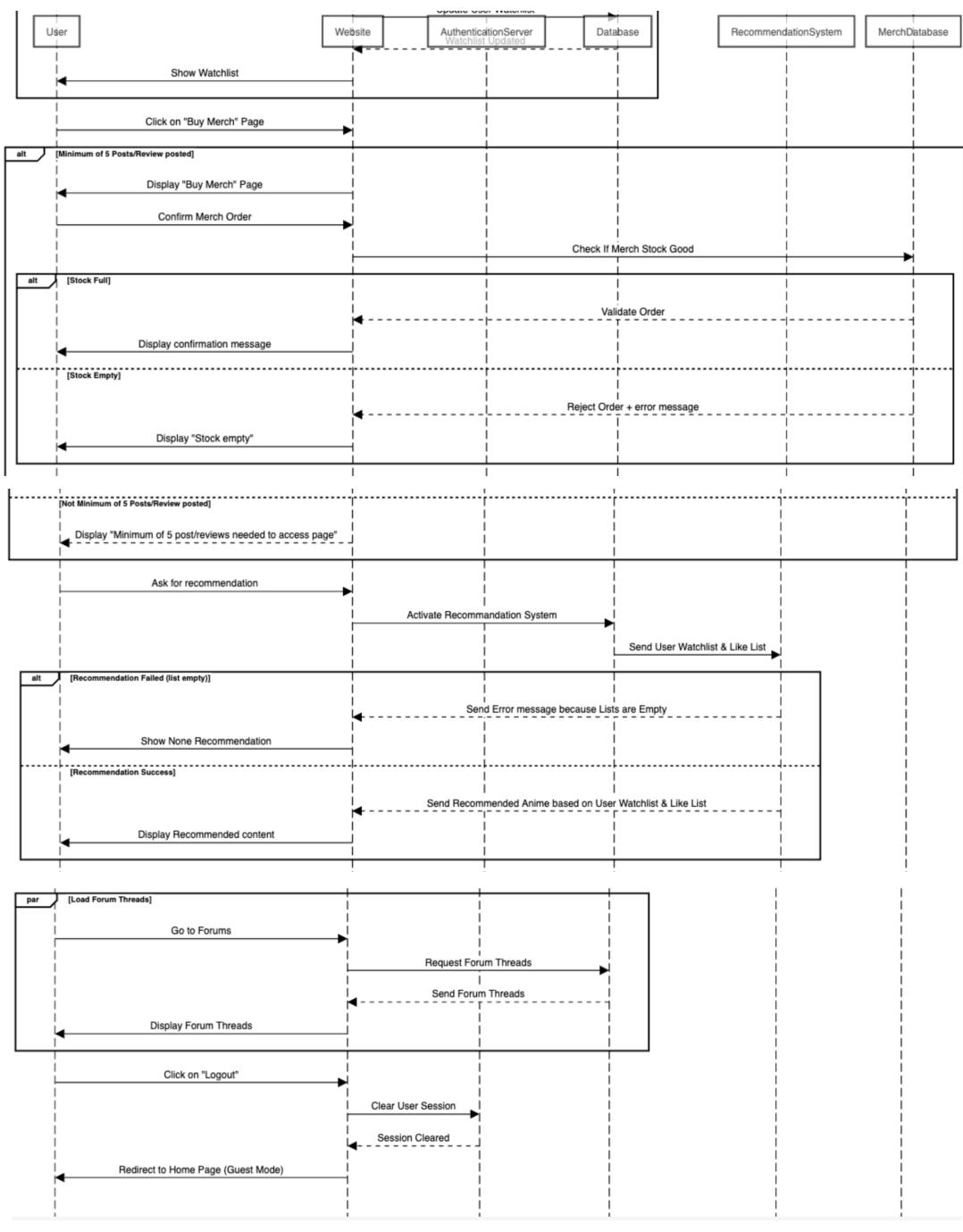
Wireframe #2

This Wireframe displays the functional elements of the home page when the user is connected.

- **By Yoke NGASSA**

SEQUENCE DIAGRAM:



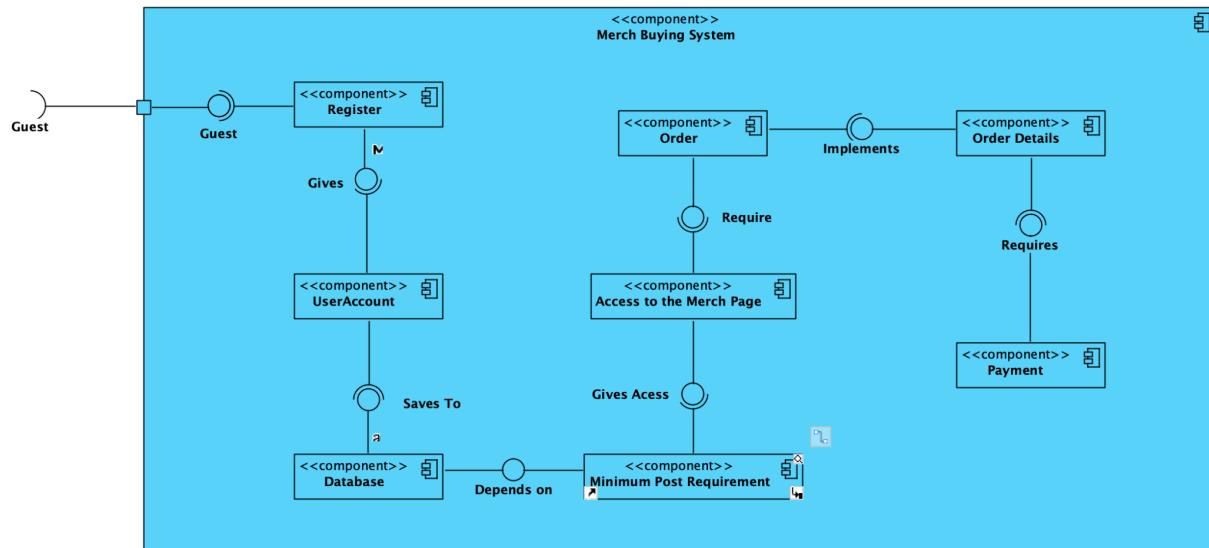


Sequence Diagram #1

This sequence diagram illustrates the key interactions and functionalities of the website. It was designed this way to represent the different scenarios of the website, and the temporal representation of the messages exchanged between the different key headers (in my case “User”, “Website”, “Database”, and so on..

- By Yoke NGASSA

COMPONENT DIAGRAM:

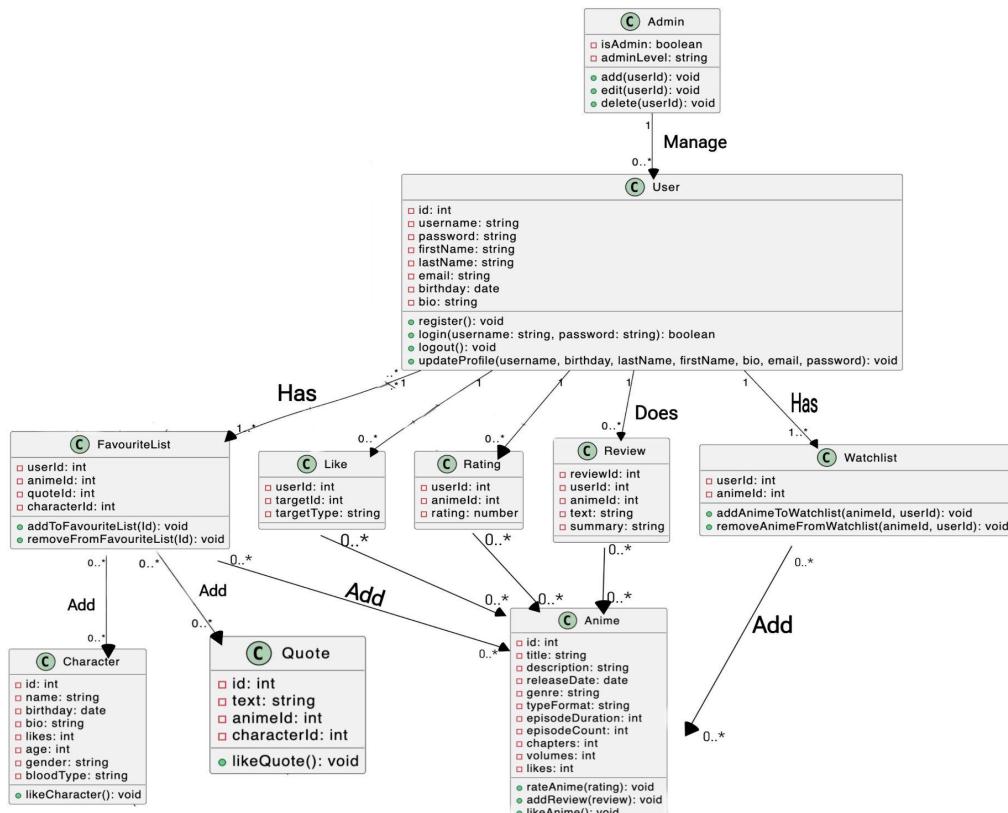


Component Diagram #1 of the Buy Merch feature

The component diagram illustrates a merchandise buying system where there's a minimum post requirement before allowing users access to the "Database", where the purchasing functionality is managed.

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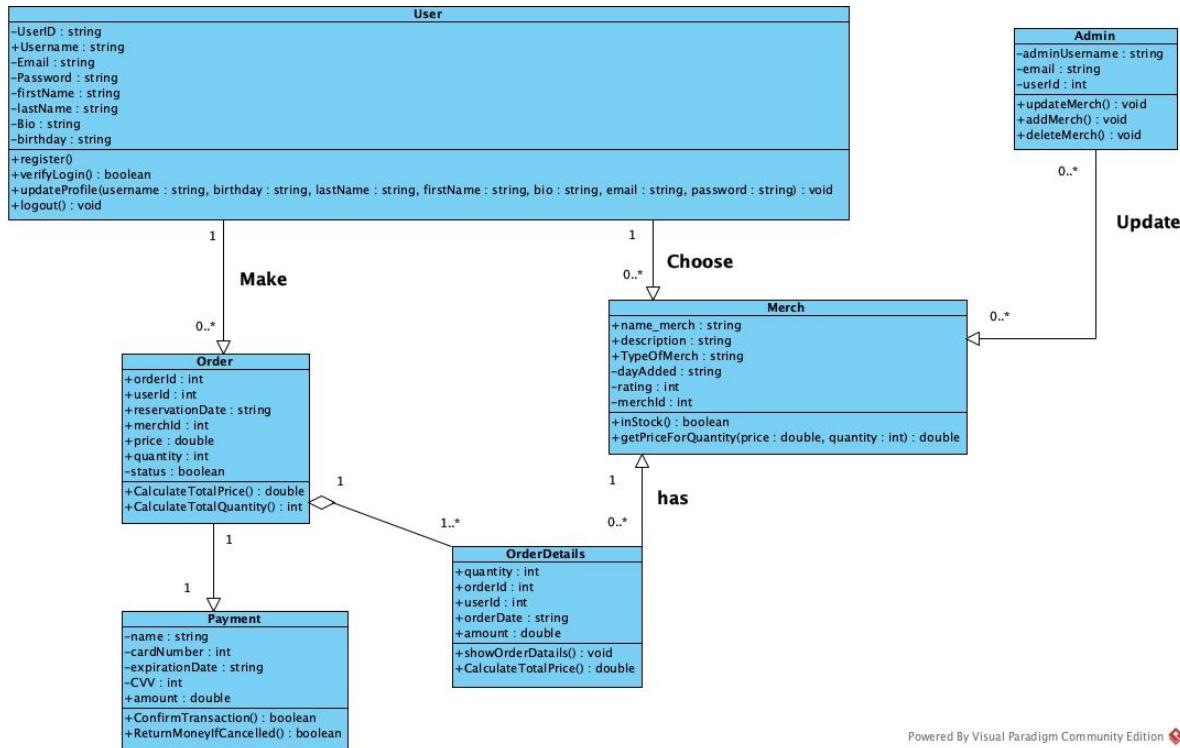
CLASS DIAGRAM:



Class Diagram #1 of the User features

This class diagram illustrates the features available as a user. It captures the different entities and their relationships in the system. Users can manage their watchlists, favorite lists, express preferences of anime through likes. They can also rate and post reviews.

- By Yoke NGASSA



Class Diagram #2

This class diagram illustrates the ability for users to make a payment to buy a merch related to the website, or custom made merch about the anime on the website.

- By Yoke NGASSA

