Proposal

# Purpose

The purpose of my web application is to provide a website where people can recommend the anime that they like. Recommendations include ratings of the anime, comments on the anime, and recommend an anime that is similar to it.

# Brief Description of Project Functionality

There are mainly 3 functions to my web applications:

1. A list of recommendations that are ordered in descending order by date that the recommendation is made. Clicking on the anime name shows the details of the anime, and the recommendations for it (see 2).
2. A search function for the user to view the recommendations of other users for a particular anime.
3. A comment function for the user to recommend anime to other users.

# Database Tables, Attributes, and Relationships Between Tables

AnimeGenre(AnimeID\*, Genre)

Anime(AnimeID, Name, Start, End, Episodes, Synopsis)

Recommendation(AnimeID\*, UserID\*, Date, Rating, Comment, SimilarAnime\*)

User(UserID, Username, Gender)

*Example:*

CREATE TABLE Recommendation (

“AnimeID” INTEGER NOT NULL,

“UserID” INTEGER NOT NULL,

“Ratings” REAL NOT NULL,

“Comment” TEXT NOT NULL,

“SimilarAnime” INTEGER NOT NULL,

PRIMARY KEY(“AnimeID”, “UserID”),

FOREIGN KEY(“AnimeID”) REFERENCES Anime(“AnimeID”),

FOREIGN KEY(“UserID”) REFERENCES User(“UserID”),

FOREIGN KEY(“SimilarAnime”) REFERENCES Anime(“AnimeID”)

)

