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Ani-m8 ERD draft

**User Table**

This table contains basic information for each Ani-m8 user such as email, password, first name, last name, along with a list of favorite anime, manga and characters. Based off the UserID the user can also be identified as an Employee. The User table can have many Employees, while each Employee can only have one position. The UserID is the primary key.

**Employee table**

The employee table contains the employee’s position along with basic information on that employee.

The EmployeeID is the primary key and UserID is a foreign key.

**My List table**

The My List table is what tracks the user’s anime/manga progress. Each user of Ani-m8 is only able to make one My List. The table contains the name of the medium (Anime or Manga) the user is currently watching or has completed. There are also episode and chapter counters for the medium that is under a watching category. Upon completion of a series users are able to then provide a rating for that medium.

The List ID is the primary key and the UserID is a foreign key. This table has a 1 and only 1 to many relation with the User table. Each user is allowed to make zero or one My List.

**Medium table**

The medium table contains each anime and manga, along with other key information such as genre, release date, studio, number of episodes, number of chapters, and the average ranking taken from each user that has ranked that series. There are also 3 unique keys that divide into their own tables. The characters, voice actors, and authors.

The MediumID is the primary key and the foreign keys are CharacterID, VoiceActorID, and AuthorID

The relation to the character table is one to one or many. The relation to the voice actor table is one or many to one or many. Lastly the relation to the author table is one to one or many.

**Characters table**

This table contains information on each significant character in a series from an Anime or Manga. Information such as Name, medium name, their voice actor, and how many favs have favored them. Each user has an option to make a list of their favorite characters which appear on their user profile.

The primary key is CharacterID and the foreign key is Name.

**Voice Actor table**

This table contains the name of each voice actor, their age, gender and what characters they voice or have previously voiced.

VoiceActorID is the primary key and the foreign key is Name

**Author table**

The author table also contains, name age, gender, and the list of series they have previously worked.

AuthorID is the primary key.

