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Ani-m8 ERD Final

**Employee table**

This table contains basic information for each Ani-m8 employee such as EmpID, password, first name, last name, and their position within the company. This app offers a my list feature. An Employee can have zero or one “My List’s”. The EmpID is the Primary Key in this table.

**My List table**

The My List table is what tracks the user’s anime/manga progress. Each user of Ani-m8 is able to make zero or 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 EmpID 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. As well as favorite anime, favorite manga, and favorite characters attributes. 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, AuthorID, and MediumID.

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.

Diagram, schematic

Description automatically generated