

Description of Proposed Database

The project is motivated by my appreciation for anime. I have been given countless recommendations and am unable to keep track of it all.

I want to create an anime database where users are able to keep track of which anime they have seen. I'm also a fan of some voice actors, and want to be able to keep track of which ones have been involved in the anime I have seen.

The proposed database is meant to allow users to search their watchlist, and search for new anime they might want to watch in the future through either voice actors or what other users have seen.

Application Requirements

The following describe what is required from the database.

R1.1) Possess data on the titles, genre, and studio for each anime. The user can search for different anime titles, voice actors, or users.

R1.2) The database would also store the voice actors for each anime and the users that have watched each anime. All data in the database would be accessible to any user.

R1.3) The database would allow a user to search for voice actors and find the anime they have voiced in, and the characters they have voiced.

R1.4) When searching for users, the user should be able to see the anime the user has seen.

R1.5) The target size of the database would be upwards of 100 (including anime, users, voice actors, and relationships).

R1.6) Users can interact with the application through a web based interface on any standard browser such as Safari, Google Chrome, Internet Explorer, or Firefox.

Data Assumptions

- 1) Voice actors can have only one name and the names of each voice actor are unique.
- 2) Users can have only one name, and username in the database.
- 3) A user's username uniquely identifies the user. That is, each user has a unique username.
- 4) Each anime has a unique title.
- 5) Each user may have watched many anime and each anime could have been watched by many users.
- 6) Each anime has a title, a genre, and a studio.



