The domain that we will model is going to be on Japanese animated series. We will cover information such as characters of the anime, voice actors, manga that the anime originated from and an anime forum that are accessed by three different kinds of users.

Animated series has a title as its identifier. It’s the superclass of manga and anime. The combination of title from animated series and season number defines the key of an anime. Similarly, the combination of animated series title and manga author serves as key to a manga. The manga entity is optional as not all animated series originate from manga.

Voice actors voice characters in anime; therefore, we have a ternary relationship “voice” that connects anime, character and voice actors together. Voice actors are identified by their name and birthday, their biography and gender are also part of the entity. A character in an anime has name, description (biography) and rating of how popular the character is.

Each forum contains date and title, and it’s identified by forum ID. The three different types of users of the forum are admin, regular member and guest user. Each user is identified by their unique email address. Admin and regular member have username, real name, and password. Admin is allowed to create the forum, its subtopics and write comment on the forum whereas regular members are only allowed to create subtopics of the forum and comment. A guest user is allowed to read the forum only.

We will be using CS department’s oracle database, PHP, css for web design, and HTML for layout of the website. We are not planning on using any special hardware.