Team DevDivas Assignment 8.4 – Group Project (Milestone 3): Data Models

1. Create business rules based on the identified user stories and wireframes

2. Create an ORD based on the defined business rules

3. Create a Document Model based on the ORD

4. Convert the Document Model to a JSON structure (supply your own default values)

5. Save each diagram as an individual image

6. Combine each image to a single word document and include your groups name, date, and assignment

**The User Developments**

1. As a user, I need movies to be categorized, so that I can find the types of movies that I like quickly.
   1. A user can choose from many categories
   2. A category has many movies
   3. A user can watch many movies
2. As a user, I need to be able to view different shows on different devices at the same time, so that I can watch a movie, while my partner watches a sports recording.
   1. DVR access to record more than one thing at a time
   2. DVR and live TV viewing simultaneously
   3. A user can access entire library while recording
3. As a user, I need to be able to easily record and locate my recorded programs, so that I can watch my favorite programs at my leisure.
   1. A user can record many programs
   2. An account has many profiles
   3. A user has one personal profile
   4. A user has many options on their personal profile
   5. A user can access many recordings from their personal profile options
4. As a user, I need to be able to set parental controls, so that I can decide what shows my children watch.
   1. A user can create additional profiles with age restrictions
   2. A user can set viewing options with maximum time allowances
   3. A user can have the power to remote activate and deactivate the system
5. As a user, I need to be able to access a range of family friendly shows, so that I can watch shows that I enjoy, and my children enjoy.
   1. A user has one login
   2. A login has one access level
   3. DVR access is allowed for only one level

**Developer/Designer Development**

1. As a developer, I need to create three different access levels, so that users can only have access to the features included in their packages.
   1. Each user has one login.
   2. Each login can access one access level.
   3. Each user has one access level.
   4. Each access level has many features.
   5. Each user can access many features.
2. As a developer, I need allow creation of multiple profiles within a user account, so that users can stream different media from different devices, and parents can set parental controls.
   1. A user has ability to create master accounts
   2. A user has access to search all programs and change all settings
3. As a developer, I need to set up separate locations and storage for recorded programs, so that users at certain levels can access their DVR programs.
   1. A user has one login
   2. A login has one access level
   3. DVR access is allowed for only one level.
4. As a developer, I need to block commercials for users with certain packages, so that members in the upper two tiers, don’t have to watch commercials.
   1. A user needs access to change packages
   2. A user needs master account access to update all settings
5. As a developer, I need to categorize shows, so that users can find shows easily.
   1. A user has one login
   2. A login has one access level
   3. DVR access is allowed for only one level.
   4. One DVR can have many recordings
   5. One DVR uses one database collection
   6. One database collection has many recordings.
   7. One database collection has many documents.
   8. One recording represents one document.