**Option #1: Johnson Video Store**

Entity-**Movie**   
Attributes: ID, Title, Description, Release Year, Length, Rating, Director(s), Language, Category, Actors, Academy Awards

Entity-**Academy Award**  
Attributes: ID, Award Year, Award Category  
  
Entity- **Actor**  
Attributes: ID, First Name, Last Name  
  
Entity- **Category**  
Attributes: ID, Name

Entity- **Language**  
Attributes: ID, Name

Entity-**Director**  
Attributes: ID, First Name, Last Name

Entity-**Inventory Item**  
Attributes: ID, Movie ID, Rental Rate, Rental Duration, Replacement Cost, Media Type, Media Condition, Distributor Catalog ID  
  
Entity- **Rental**  
Attributes: ID, Rental Date, Rental Tax, Inventory ID, Customer ID, Staff ID, Late Fee, Damage Fee, Rewind Fee  
  
Entity- **Payment**Attributes: ID, Rental ID, Amount, Date  
  
Entity- **Address**  
Attributes: ID, Street, City, State, Postal Code, Phone  
  
Entity - **Customer**  
Attributes: ID, First Name, Last Name, Email, Address ID  
  
Entity - **Staff**  
Attributes: ID, First Name, Last Name, Email, Username, Password, Address ID  
  
Entity - **Distributor**  
Attributes: ID, Name, Established Date, Address ID

Entity - **Catalog Item**  
Attributes: ID, Distributor ID, Serial Number, Wholesale Cost, Media Type, Movie ID, Create Date, Media Type  
  
**Relationship Sentence Pairs:**  
A movie has a language and may have one or many actor(s), director(s), categories, and academy awards.   
  
There is no limit to the number of actor(s), directors(s), categories, or academy awards a movie may have.  
  
A movie has only one language. However, there is no limit to the number of movies a language may be attributed.

There is no limit to the number of movies that an actor, director, or category may be associated.

An inventory item is a copy of a movie but is usually also a distributor catalog item.   
  
An inventory item may only be one movie, but a movie may have many inventory items.  
  
There is no limit to the number of inventory items.   
  
An inventory item has a media type is one of two types, either a DVD or a VIDEO.

A distributor has catalog items from which the store may order movies.  
  
A distributor catalog item is attributed to only one distributor, but there is no limit on the number of catalogs items a distributor may have.  
  
There is no limit to the number of distributors, or to the number of distributor catalog items.   
  
A distributor catalog item has a wholesale cost that can be updated.  
  
A rental is attributed to one inventory item, one customer, and one staff.   
  
An inventory item is attributed a rental rate and rental duration that can be updated.

A rental may have one or many payments associated.  
  
There is no limit to the number of rentals a customer may have at any time.   
  
There is no limit to the number of times an inventory item can be attributed to a rental.

Staff, Customers, and Distributors have a single address.

First Draft ERD   
  
