CPS 510 Assignment 1 - Project Description
Online Movie Store

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General Description
The purpose of our system is to manage information which enables users to purchase and/or rent movies. It will store information relevant to the movies, which will allow for queries to be made in the Online Movie Store which in turn would allow users to select and add movies of their interest to the shopping cart. The system will store relevant information regarding the user to enable the process of payment. Our system will also manage the information of movie studios to keep track of the rights we have to be hosting their movies.

How the System will Work
A user logs in to the Online Movie Store using their credentials like username and password. The studio of a movie gives the admins of the site rights to their movie/s to be put up on the website for rental/purchase. The user sees a list of moves and is able to query the database for certain movies based on criterias such as name, price and genre. The user can choose the option of renting or buying the movie. Upon selection of a movie on the website, it is added to the user's shopping cart. The user can checkout their current shopping cart and their account is charged the attributed costs. If the movie was rented, they can keep the movie for 2 weeks, and the amount of time that they have left to keep the movie will be shown on their account.

Entities
- User
- Movie
- Studio
- Admins
- Payment
- Shopping cart

Relationship
- User rents or buys a movie
- Studio produces movie
- Studio gives rights of movie to site Admins
- Admin manages Movies
- User adds movie to shopping cart
- User issues payment