Movie Store Inventory System Design Document

Assignment 4 – CSS 343

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Overview

This system is designed for a movie rental store where inventory and movies are kept track of. In the main of this system, I use a parser to evaluate the 3 files passed in as arguments. There are 3 main categories of classes in this system. The first category is the movies. There are three types of movies that are extended from the parent movie class. The second category is the shop category. The shop is the main class that has a list of the customers, an inventory, and history. The final category is a parser class that will parse the input passed into the main and a shop class that will keep track of everything.

Movie Class Diagrams

Shop Diagrams

Parser Class Diagram

Class Descriptions