

Flow of Events

Add Customer:

There are two ways to add a customer to the store database. The first is when someone wishes to rent an item (or items) from the video store, but doesn't have a customer card yet. The second is if someone comes into the store and simply wishes to become a customer. They give the clerk the necessary information (name, date, phone number, address, etc.), which is then added into the store database, and a customer card is given to them for renting purposes.

Add Title:

There are two ways to add a title to the store database. The first is when a new supply of DVDs or games are brought into the store. Then a title needs to be created in order to store all the general information (title, genre, leading actor, etc.) for these copies. The other way is simply creating a title for a DVD or game before the store has copies of them in stock. This new title is then added into the store database with the information provided.

Add Copy:

You add a copy into the store database when obtains DVDs or games of a certain title. This copy is then given its own unique ID number and placed into the store database, and is now ready for a customer to rent.

Produce Customer Report:

A customer report is produced whenever a clerk/manager would like to look up the information on a given customer. The report specifically returns the following information: all the customer's data (name, phone number, address, etc.), any information on their current rentals, and if they have any late charges.

Produce Title Report:

A title report is produced whenever a clerk/manager would like to look up the information on all the titles in the store database. The report returns the following information for all titles: the title's name and other basic information, the total number of copies currently owned (how many are rented, on hold, and in stock), and the number of reservations pending for the title.