

## Flow of Events

Use Case: Rent DVD or game disk

Actors: Clerk

Goal: To rent one or more DVDs or game disks

Description: When a customer comes into the video store they choose one or more DVD or game disks to rent by selecting the boxes displayed in the store. The customer presents to the clerk their customer ID card. The clerk enters the customer's ID number from the card and the DVD/disk ID numbers from the boxes. When all information is entered the system will calculate the total charge owed and the clerk will collect this from the customer. If the customer ID does not exist then go through the Add a New Customer use case. Once the charge has been collected the customer leaves with their purchase.

Use Case: Record the return of DVD or game disk

Actors: Clerk

Goal: To record the return of one or more DVDs or game disks

Description: A returned DVD/disk has been either handed to the clerk by a customer, or placed into the returns box inside the store, or inserted into the returns slot in the wall of the store if the store is closed. The clerk enters the ID number of each returned DVD/disk into the system. Before returning the DVDs/disks to the shelf it must go through other use cases relating to specified return dates.

Use Case: Report the status of specific DVD or disk

Actors: Clerk

Goal: To report the status of a specific DVD or game disk

Description: The clerk checks the status of a specific DVD or disk through the system. The DVD/disk ID numbers are entered into the system by the clerk. The system will display the DVD/disk title, check-out status, which could be on the shelf, rented, or on hold. If rented the system will display the customer it is currently rented to and when it is due. If it is on hold the system will display the customer it is on hold for.

### Initial Functional Test Case Specification

<b>Use Case</b>	<b>Function Being Tested</b>	<b>Initial System State</b>	<b>Input</b>	<b>Expected Output</b>
Rent DVD or game disk	Customer ID is in the system	Rent DVD or game disk menu	Customer ID Known to be there	Customer ID is successfully in the system
Rent DVD or game disk	Customer ID not found	Rent DVD or game disk menu	Customer ID Known is not there	System displays "customer ID not found, enter ID again or add a new customer"
Rent DVD or game disk	DVD/disk ID is in the system	Rent DVD or game disk menu	DVD/disk ID Known to be there	DVD/disk ID is successfully in the system
Rent DVD or game disk	DVD/disk ID not found	Rent DVD or game disk menu	DVD/disk ID Known is not there	System displays "DVD/disk ID not found, enter ID again"
Report the status of specific DVD or disk	DVD/disk ID is in the system	Status DVD or game disk menu	DVD/disk ID known to be there	System displays DVD/disk status
Report the status of specific DVD or disk	DVD/disk ID not found	Status DVD or game disk menu	DVD/disk ID know is not there	System displays "DVD/disk ID not found, enter ID again"
Record the return of a DVD or game disk	DVD/disk ID is in the system	Return DVD or game disk menu	DVD/disk ID Known to be there	DVD/disk ID is successfully in the system
Record the return of a DVD or game disk	DVD/disk ID not found	Return DVD or game disk menu	DVD/disk ID Known is not there	System displays "DVD/disk ID not found, enter ID again"