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| Use Case Name: New Videos | | | ID: 1 | | Priority: High | |
| Brief Description: Prior to a video being made available to rent, it must be catalogued and entered into the video  Database. | | | | | | |
| Actor: Manager | | | | | | |
| Trigger: New video arrives.  Type 🞎 External 🞎 Temporal | | | | | | |
| Preconditions:  1. Add videos to the video database. | | | | | | |
| Normal Course  1. Enter each item into the database.  2. Label each item.  3. Place each labeled item on the shelf. | | | | Information for Steps  ←New video descriptive information  →New video to rent | | |
| Alternative Course(s): | | | | | | |
| Postconditions:  1. New videos are added to video database.  2. Damaged videos are deleted from video database. | | | | | | |
| Exceptions:  If new video is found to be damaged follow appropriate procedures. | | | | | | |
| Summary:  Inputs Source Outputs Destination | | | | | | |
| Video descriptive info | Video supplier | New video to rent | | | | Video File |

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| Use Case Name: Damaged Videos | | | ID: 2 | | Priority: High | |
| Brief Description: If damaged videos are returned from customer, they are removed from database and taken off the shelf. | | | | | | |
| Actor: Manager | | | | | | |
| Trigger: Damaged videos are returned by customer.  Type 🞎 External 🞎 Temporal | | | | | | |
| Preconditions:  1. Video is found to be damaged. | | | | | | |
| Normal Course  1. If used video is checked for damaged and then if no damage is found it is  reactivated and then placed back on the shelf.  2. If used video is found damaged, they identify the condition  2a. Throw video away  2b. Destroy video  3. Record damaged video in database and charge customer’s account | | | | Information for Steps  ←Video returns  →Reactivated video  ←Damaged video information  →AVS video code and delete request  →Removed the item from database  →Record charge in customer’s account | | |
| Alternative Course(s): | | | | | | |
| Postconditions: | | | | | | |
| Exceptions: | | | | | | |
| Summary:  Inputs Source Outputs Destination | | | | | | |
| Returned video  Damaged video info | Customer  Manager | Reactivated video  Video removed from stock Video removed from DB Charge customer account | | | | Video File  Video File  Video File  Customer File |

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| Use Case Name: Process Overdue Videos | | | ID: 3 | | Priority: High | |
| Brief Description: Every morning manager prints report. If a video is overdue, a fee is charged to the customer account. If video is overdue for more than two days, the manager may call the customer to notify them to return the video. | | | | | | |
| Actor: Manager | | | | | | |
| Trigger: Every morning manager prints report and if customer exceeds rental return date of 3 days in the system.  Type 🞎 External 🞎 Temporal | | | | | | |
| Preconditions:  1. Manager comes to work. | | | | | | |
| Normal Course  1. Manager produces report of overdue videos. An overdue fee is assessed and added to customer file.  2. Manager contacts customers with videos that are two or more days overdue.  3. Customer removes overdue video fee by paying overdue fine. | | | | Information for Steps  ←Overdue video  →Overdue fee assessment  →Overdue video notice  ←Overdue video payment  →Overdue fee payment | | |
| Alternative Course(s): | | | | | | |
| Postconditions: | | | | | | |
| Exceptions: | | | | | | |
| Summary:  Inputs Source Outputs Destination | | | | | | |
| Overdue video  Overdue video payment | Customer file  Customer | Overdue video assessment  Overdue video notice  Overdue fee payment | | | | Customer file  Manager  Customer file |

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| Use Case Name: Rent Videos | | | ID: 4 | | Priority: High | |
| Brief Description: After looking through the store a customer wants to rent a video for a 3-day period. | | | | | | |
| Actor: Customer | | | | | | |
| Trigger: Customer wants to rent a video.  Type 🞎 External 🞎 Temporal | | | | | | |
| Preconditions:  1. Processed Overdue Video Rentals | | | | | | |
| Normal Course  1. When a new customer wants to rent a video, he/she provides customer information. A record is entered into the customer file and the customer is given an AVS customer card.  2. Customer selects video to rent and provides AVS customer card. If there are no overdue videos and no unpaid overdue fees, the rental is entered in the rental file. | | | | Information for Steps  ←Customer information  →AVS customer card  ←Videos to rent  →Rented Video | | |
| Alternative Course(s):  Prior to a video being rented to a customer, their account is entered into the database and a record of any outstanding overdue video(s) and balances associated to their account will appear. The customer will have to return all outstanding video(s) and clear all balances prior to rental of a new video | | | | | | |
| Postconditions: | | | | | | |
| Exceptions: | | | | | | |
| Summary:  Inputs Source Outputs Destination | | | | | | |
| Customer information  Videos to rent | Customer  Customer | AVS card  Rented Video | | | | Customer  Rental file |

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| Use Case Name: Return Videos | | | ID: 5 | | Priority: High | |
| Brief Description: A video is returned to the AVS by a customer who has rented the video. | | | | | | |
| Actor: Customer | | | | | | |
| Trigger: Customer decides to return their video(s).  Type 🞎 External 🞎 Temporal | | | | | | |
| Preconditions:  1. Rent Videos | | | | | | |
| Normal Course  1. A video that has been checked out to a customer is received by the AVS and checked in, marking the video as returned in the customer’s account. | | | | Information for Steps  ←Rented Video  →Returned video | | |
| Alternative Course(s): | | | | | | |
| Postconditions: | | | | | | |
| Exceptions: | | | | | | |
| Summary:  Inputs Source Outputs Destination | | | | | | |
| Rented video | Customer | Returned video | | | | Rentals file |