

Use Case	Function Being Tested	State	Input	Output Expected
Add Customer	Add a customer not in the database	Running	Customer's Name	System pulls up a blank page where the clerk can add the customer's information
Add Customer	Add a customer already in the database	Running	Customer's Name	System reports an error saying that the customer is already in the database, would the clerk like to edit their information?
Add Customer	System responds to nothing being entered	Running	Nothing	System reports an invalid name, try again
Add Title	Add a new title	Running	Item Name	System adds the title to the system database, and places all copies on the shelf
Add Title	Add a title that already exists	Running	Item Name	System notifies the manager that the title already exists; do they want to edit number of copies?
Add Title	System responds to nothing being entered	Running	Nothing	System reports an invalid title name
Inventory	Add a copy to inventory	Running	Title Name	System responds to how many copies the manager wants to add; puts all the added copies on the shelf
Inventory	System responds to an invalid title name	Running	Title Name	System warns the clerk/manager that the title entered does not exist; do they want to add the title to the database?
Customer Report	System prints out a report for each customer	Running	Customer Name or Id Number	System prints out all the information associated with the customer inputted
Customer Report	System responds to a customer who does not exist	Running	Customer Name or Id Number	System reports that the customer does not exist/ is invalid; would the manager like to add the customer?
Inventory	System reports how many DVD's a customer has rented out	Running	Customer Name or Id Number	System reports number of DVD's a customer has rented out, the due date, and any late fees

Inventory	System responds to inquiry of a customer with no titles rented out	Running	Customer Name or Id Number	System reports that the customer has no titles rented out, but will report late fees if any exist
Inventory	System responds to inquiry of a customer with overdue DVD's or games	Running	Customer Name or Id Number	System reports all the overdue items the customer has, including the title and due date for given item
Inventory	System responds to inquiry of a customer who has no overdue DVD's or games	Running	Customer Name or Id Number	System reports that the inputted customer has nothing overdue
Inventory	System responds to inquiry on an invalid customer name or Id	Running	Customer Name or Id Number	System reports that the inputted customer name or Id is invalid; then inquires if the manager would like to try again or add new customer?
Title Report	System responds to inquiry on a given title that exists	Running	Title Name or Id Number	System reports the name of the title along with any basic information associated with the inputted title
Title Report	System responds to inquiry on a title that is invalid	Running	Title Name or Id Number	System reports that the inputted title does not exist / is invalid; the system then inquires if the manager would like to add the title or try a different input?
Title Report	System responds to inquiry on the total number of items owned	Running	Title Name or Id Number	System reports the number of titles owned by the store (currently rented out, currently on hold, and currently in stock)
Title Report	System responds to a number inquiry on a title that is invalid	Running	Title Name or Id Number	System reports that the title entered is invalid, so therefore no titles are owned