

Assignment 2 Video Store Analysis Use Cases

Use Cases

The following four use cases were defined by the team and the client as some of the core system requirements for the delivery of the working prototype. Note this baseline functionality can be easily extended through the inclusion of more use cases as the project progresses. Each use case lists the name of the use case, primary actors, preconditions, description, acceptance criteria and any open issues if there will be any.

Use Case 1: Rent Video

Primary Actor:	Renter / User
Preconditions:	There is entertainment material that is scanned and in stock for the renter to be able to rent.
Description:	As a Renter, I want to be able to rent out any entertainment material that is available at the store. I want to be able to choose how long the rental will be for based on the rental options that I have.
Acceptance Criteria:	I can rent something for a specified time based on what my needs are, paying a fixed rate for that rental also based on the rental duration.
Open Issue:	Need to address the issue where a client tries to rent something, but it is either damaged or the item is not in stock.

Use Case 2: Return Video

Primary Actor:	Renter / User
Preconditions:	There must already be a customer that has something rented out, so that it is possible for them to return that certain item.
Description:	As a renter, I need to be able to return my previously rented items. I will need to be able to scan them back in stock as well as mark the condition of the item being returned.

Acceptance Criteria: A customer is able to make their return, as well as the employee is to be able to mark the condition of the return and scan the item back in stock for the next customer to rent.

Open Issue: Need to assess the issue if a customer returns a video after the rental period. To see if there will be additional charges. Or if the rental item is returned to excessive damage that makes it unusable.

Use Case 3: Reserve a Video

Primary Actor: Employee / User

Preconditions: Customer must be an existing customer and there is entertainment material in stock for the customer to reserve.

Description: As an employee, I need to be able to assist the customers in reserving the required material for a specified date in the future so they can come and pick it up then.

Acceptance Criteria: The employee is able to assist a client in selecting an item and be able to request a specific date to reserve that item for pickup. When the date comes, the item is available, and the customer can pick up their item to either rent it for a specified time or buy it.

Open Issue: Need to address the issue that if a customer tries to reserve an item but it is already reserved for someone else on that specified time.

Use Case 4: Order Video

Primary Actor: Employee / User

Preconditions: There needs to be a requested item that is not currently in stock at the video store.

Description: As an employee, I need to be able to assist a customer in ordering an item that they would like, that we currently do not have in stock. I need to be able to give them an order expected arrival date.

Acceptance Criteria: I am able to assist a customer by ordering the specified item they would like, giving them an expected arrival date.