Software Engineering

Assignment 2

***USE CASES:***

For the video store analysis task, the team has defined four use cases. Based on each use case's functionality, each of the four cases will be discussed here. Every detail, including the use case name, primary actor, primary requirements, task description, and acceptance criteria, is listed for each use case.

Following are the four use cases:

* Rent Video
* Return Video
* Reserve Video
* Order Video

1. ***Rent Video:***

***Primary Actor:*** In this use case the primary actor is Customer/ Employee

***Primary Requirements:*** The customer's chosen video need to be available and accessible on the specified day.

***Task Description:*** The consumer will choose the video based on their needs. The customer will rent out the video after the employer has reserved it for the duration stated by the customer and paid the rental amount in accordance with that.

***Acceptance Criteria:*** If the video is accessible during the contracted dates with the consumer Renting it out is acceptable.

1. ***Return Video:***

***Primary Actor:*** Here the primary actors are Employee, Customer

***Primary Requirements:*** The employer ought to have reserved the video for that specific client before the customer returns it.

***Task description:*** The employee will verify whether the video is within the allotted time after the consumer returns it. Otherwise, the consumer will be charged a late return fee.

***Acceptance Criteria:*** If it was assigned to that particular consumer, it was dealt with and transformed into a returned video.

1. ***Reserve Video:***

***Primary Actor:*** In this use case also, the primary actor is Customer

***Primary Requirements:*** The customer's chosen video must be available in stock.

***Task description:*** The employer will determine whether the video is in stock after the client has chosen it. If the video is available, the customer will be given a reservation for the chosen video.

***Acceptance Criteria:*** If the day of the reservation is open to assign the video, it is readily available and might be given to that particular consumer.

1. ***Order Video:***

***Primary Actor:*** Here the primary actors are Employee, Supplier

***Primary Requirements:*** Checking the availability of video stock is necessary.

***Task description:*** when the consumer has finalized the Video. The employee will verify whether the video stock is available. If the video is unavailable, the provider/supplier will be contacted to order it. If it is available, it can be quickly checked out and the consumer who ordered it can place a straightforward order.

***Acceptance Criteria:*** If a customer orders a video and it is not yet available, the employee can treat such situation by placing a supplier order.