

Use Case

[UC-2832] - Rent Video

Description (Goal in context)

This use case describes how a Customer rents a video from the store.

Level: User goal

Scope: System

Iteration:

Functional area: Rental Management

Priority: High

State: New

Owner: Sue Req Analyst

Primary Actors

Store Clerk

Supporting Actors

Customer

Stakeholders and Interests

Pre conditions

Store Clerk must be logged on to the system and has navigated to the Rent Video screen.

Post conditions

Success end condition:

Video is rented to the customer, a record of the transaction is made, video inventory is reflected to indicate the rented video.

Failure end condition:

Video is not rented and the store inventory remains unchanged.

Minimal Guarantees:

Video Inventory of the store will correctly reflect the inventory of available videos.

Main Success Scenario

1. **Customer** brings the selected video(s) to the sales counter
2. **Store Clerk** asks **Customer** for membership card
3. **Customer** hands over the membership card
4. **Store Clerk** scans the membership card into the system
5. **System** displays customer details
6. **Store Clerk** scans the [Video Rental](#) video bar code
7. **System** displays the video details and rental rate for that video
8. **Store Clerk** tells the total charge to the **Customer**
9. **Customer** hands over payment to the **Store Clerk**
10. **Store Clerk** enters the amount into the **System**
11. **System** displays the change to be given back to the **Customer**
12. **Store Clerk** hands over the change and the rented videos to the customer

Extensions

6/21/2006

Video Rental System

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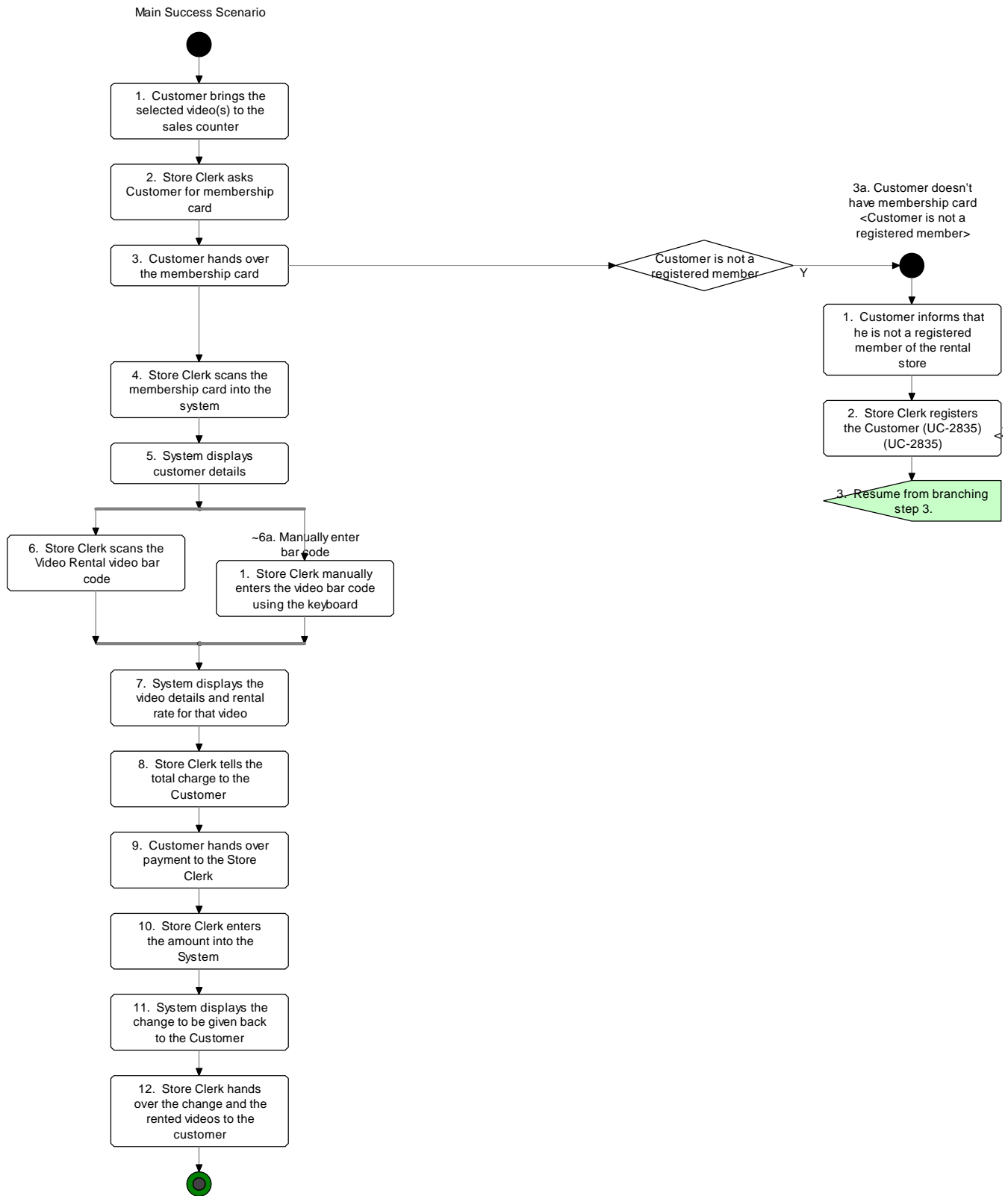
3a. Customer doesn't have membership card <Customer is not a registered member>

1. **Customer** informs that he is not a registered member of the rental store
2. **Store Clerk** [registers the Customer \(UC-2835\) \(UC-2835\)](#)
3. [Resume from branching step.](#)

Variations

~6a. Manually enter bar code

1. **Store Clerk** manually enters the video bar code using the keyboard



Customer brings the selected Video(s) to the sales counter

Frequency of use: 300 per day

Assumptions

Schedule

Target release: Beta 2.1 Rel. B

Owner: Sue Req Analyst

Metrics

Size: Large

Complexity: High

Risk: High

Stability: Unstable

User need: Must have

User priority: High

Est Effort (Hrs): 80

Est Cost:

Record Information

Crt by: Sue Req Analyst

Crt dt: 9/5/2005

Upd by: Cynthia QA Manager

Upd dt: 11/26/2005

Project: Video Rental System

Version: 1.29

Requirements

Type	Id	Title
User Requirement	UREQ-2989	The system shall bill the customer late charge for video returned after due date
Performance Requirement	PREQ-2996	The system shall display Customer details within 3 seconds of entering membership number
Performance Requirement	PREQ-3041	The system shall display Video detail within 1 second of scanning the bar code on video media.
Business Rule	BRU-3042	A customer needs to show two (2) forms of photo identification before being registered as a customer.

Comments

Date	Person	Comment
11/21/2005	Steve Proj Manager	This Use Case needs to be further enhanced to record all Alternate flows and Exception conditions.
11/26/2005	Steve Proj Manager	This Use Case is the most important Use Case needs to be tested thoroughly.

Attachments

File name	Size(Kb)	File date	Person	Added on
Tax schedule.doc	5051	11/14/2005	Steve Proj Manager	11/21/2005