Part f

Use case: Loan a video
Actors: Assistant
Goal: To lend a video to a customer

Overview:
A customer chooses a video and gives their membership card and the video to the assistant. The assistant scans the customer's membership card and checks if they owe any money or have outstanding loans. The system searches for a specific video using the barcode scanned from the video they wish to borrow. The system locates the required video and displays the details on the screen. The assistant checks that this is the video the customer wants to borrow and looks to see what the rental cost is for this video. The system then registers the loan transaction.

Typical course of events:

Actor action		System response	
1	A customer chooses a video		
2	The Assistant scans in the membership card barcode	3	Displays customer details
4	The Assistant agrees the details		
5	The Assistant scans in the video barcode	6	Displays video details including hire
7	The Assistant agrees the cost and registers the loan	8	Stores the loan transaction
9	The Customer pays for the loan		
10	The Assistant records the payment	11	Prints a receipt

Alternative courses:

Steps 2, 3 & 4   For a new customer, details must be entered into the system at this stage and a membership card printed.*

Steps 3 and 4   If the customer has too many videos already out on loan, he may not borrow any more until he returns some.

Steps 3 and 4   If the customer owes money for late returns, he may not borrow any videos until his debt is paid.

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* Ideally this should be modelled by adding an «extend» relationship linking 'Loan a video' to 'Manage members'. At this point the use case description should read: For a new customer initiate the use case 'Manage members'

Figure E.18   Expanded description of the 'Loan a video' use case