Software Engineering

Use Case Task

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**Use case name:** Returning back a DVD.

**Summary:** Sameer decides to return back a borrowed DVD to the library, and wants to borrow a book.

**Actor:** Sameer, Ahmad.

**Precondition:** Sameer exceeds the expired date for returning the DVD.

**Main sequence:**

1. The librarian (Ahmad) requests for Sameer’s ID card and the borrowed item’s number, in order to confirm his personality out and to enter the system.

2. Ahmad checks out that the item is in a safe condition, and enters this information to the system.

3. System gives Ahmad full information about Sameer’s account and his borrowed items, it tells him that Sameer is late and exceeds the acceptance date.

4. System prevents Sameer from borrowing any item for one week.

5. Ahmad informs Sameer about his penalty, and returns the DVD to its location.

**Alternative sequences:**

Step 1: If the Sameer’s ID card request is denied, the system prompts

Step 2: If the item is damaged.

**Postcondition:** System updates that the borrowed DVD is returned and can someone else borrow it.