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# Section: J

# Course: Object Oriented Analysis and Design
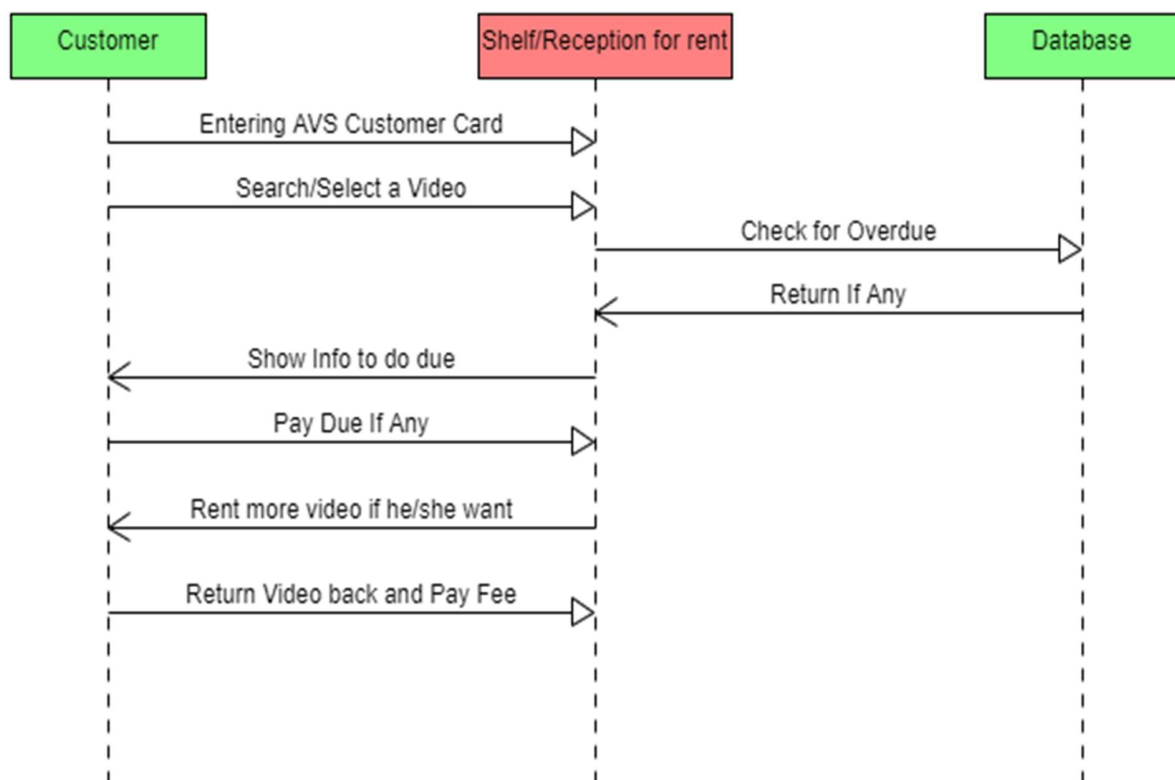
# OOAD [J] Final Assessment

Date: 6.12.2021 90 minutes

**Instruction: draw diagram and upload pdf in the portal.**

Create a sequence diagram for the following scenario descriptions for a video store system. A Video Store (AVS) runs a series of fairly standard video stores.

- Every customer must have a valid AVS customer card in order to rent a video. Customers rent videos for three days at a time. Every time a customer rents a video, the system must ensure that the customer does not have any overdue videos. If so, the overdue videos must be returned and an overdue fee paid before customer can rent more videos.
- If the customer has returned overdue videos but has not paid the overdue fee, the fee must be paid before new videos can be rented. If the customer is a premier customer, the first two overdue fees can be waived, and the customer can rent a video.

**Ans:**

**For a premier customer:**