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Milestone 1-2

CRC Cards

<u>Customer</u>
Responsibilities:
Store name, address and phone number
Collaborators:
File System

<u>Rental System GUI</u>
Responsibilities:
Enables clerk and manager to access system
Display Information
Collaborators:
Rental System Controller

<u>Copy</u>
Responsibilities:
Store the id, status
Collaborators:

<u>Rentable Item</u>
Responsibilities:
Store information about items (description, payment information).
Collaborators:

<u>Rental System Controller</u>
Responsibilities:
Turn on and off
Save information on shutoff
Save information at command
Read saved information at startup
Rent copies to customers on demand
Calculate Charge for rental
Collaborators:
Persistence Mechanism
Customer
Copy
Rental System GUI

<u>File System</u>
Responsibilities:

Store information on demand
Be readable
Collaborators:

<u>Late Fees</u>
Responsibilities:
Automatically add late charge where applicable
Alert clerk if customer has unpaid late fees\
Cancel specific late charge
Collaborators:
Customer
Rental System GUI

Entity Class Diagram