# Candidate Classes

Candidate classes derived from noun-verb analysis (With potential attribute nouns listed below):

User

* Customer / Manager
* Credentials
* Account Standing
* Fines

Session

* Length

Audiobook

* Reserved status
* Checkout status
* Physical location
* Description

Kiosk

Order

* Audiobooks

Shopping Cart

# System Operations

System creates a new user account

System prompts for credentials

System authenticates the user

System lists available audio books

System adds/removes an available audio book

System marks an audio book reserved/not reserved

System marks an audio book checked in/out

System updates audiobook physical location

System checks if account is in good standing

System generates a report

# CRC Cards

Responsibilities:

Knows users

Can create User

Knows Kiosks

Collaborators:

User

**Controller?**

Can prompt for credentials

Knows audiobooks in local storage

Can add or remove audiobook from local storage

Can mark audiobook reserved/not reserved

Can mark audiobook checked in/out

Can update audiobook physical location

Knows current session

Can generate Report

User

Audiobook

Session

**Kiosk**

Knows Name/Information/Credentials

Can validate entered credentials

Knows account standing

Knows current fines

Knows reserved/checked out/possessed audiobooks

Knows if Customer or Manager

Audiobook

**User**

Knows currently authenticated user

Knows active session time

Can time-out an active session

User

**Session**

Knows Title/Author/ISBN/Genre

Knows checked in/out status

Knows reserved status

Knows physical location

**Audiobook**

Knows Audiobooks

Knows account standing

Knows due dates

Audiobooks

Shopping Cart

User

Session

**Order**

Knows Audiobooks

Knows checked in/out status

Knows reserved status

Knows physical location

User

Session

Audiobooks

**Shopping Cart**