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CSCI 463

A screenshot of a computer

Description automatically generatedOOD Library System Quiz

Assumptions:

It can be assumed that there will be different types of media each with their own rental duration and associated late fees.

* Media Types
  + DVD
  + BluRay
  + CD
  + Paperback
  + Hardcover
  + Audiobook

It can be assumed that there will be a limit on the number of media items a Library Patron can have checked out at one time. The limits are based off the Grand Forks Public Library’s limits. 5 items at a time borrowed and 8 items that can be held at one time.

* Media Rental Limits
  + 5 items checked out
  + 8 item holds

It can be assumed that a library will contain more than these three types of media but for simplicity it can be assumed items like magazines, picture books, electronics etc. will fall under one of the three defined media types or as an undefined “other media”.

* The types of media
  + Books
  + Movies
  + Music

It can be assumed that a librarian will be part of the overarching Library Media System class rather than being defined as part of the account class. A librarian can have a personal account that is registered in the system as a Library Patron

* Librarian without account connection

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