Menu

* Return
* Search
* Check-out
* Donate Book
* Exit
* ~~Read/watch on-prem~~

Return

Goes into stack/queue

Checks condition, recycles if needed

Return: due date = null; status = on-shelf

Search

Browse by: class

By title, author, director

By All (Keyword)

Check-Out

If already checked out let them know

Due date = 2 weeks later

Condition degregation

Donate Book

Prompt title, author, condition

Add to inventory

RESEARCH

Best data structure to store many items

Stack/queue

Enum

Class Hierarchy

Abstract Parent Media

Title

Status (enum)

On-Shelf

Checked-Out

Lost

Condition

Due Date

Child Book

Author

Child Movie

Director

Runtime

~~Child Audio?~~

Media Database

Movie and Book raw data for objects

Main

Inventory List

Book Return Stack

Checks condition, recycles or return

Search functions

Check-out

Donate