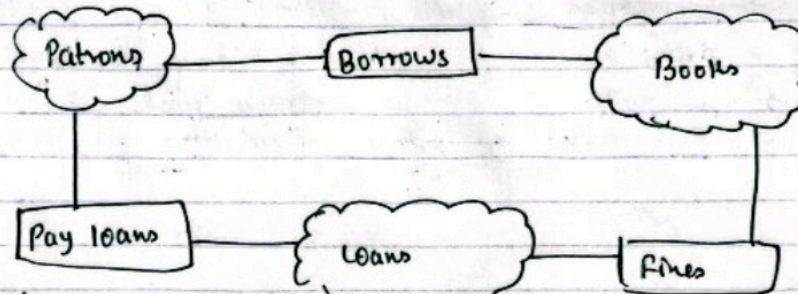


Sanskriti Aripinani

Homework 2 : CSCE 1040 - Sol

patrons, Books, Loans

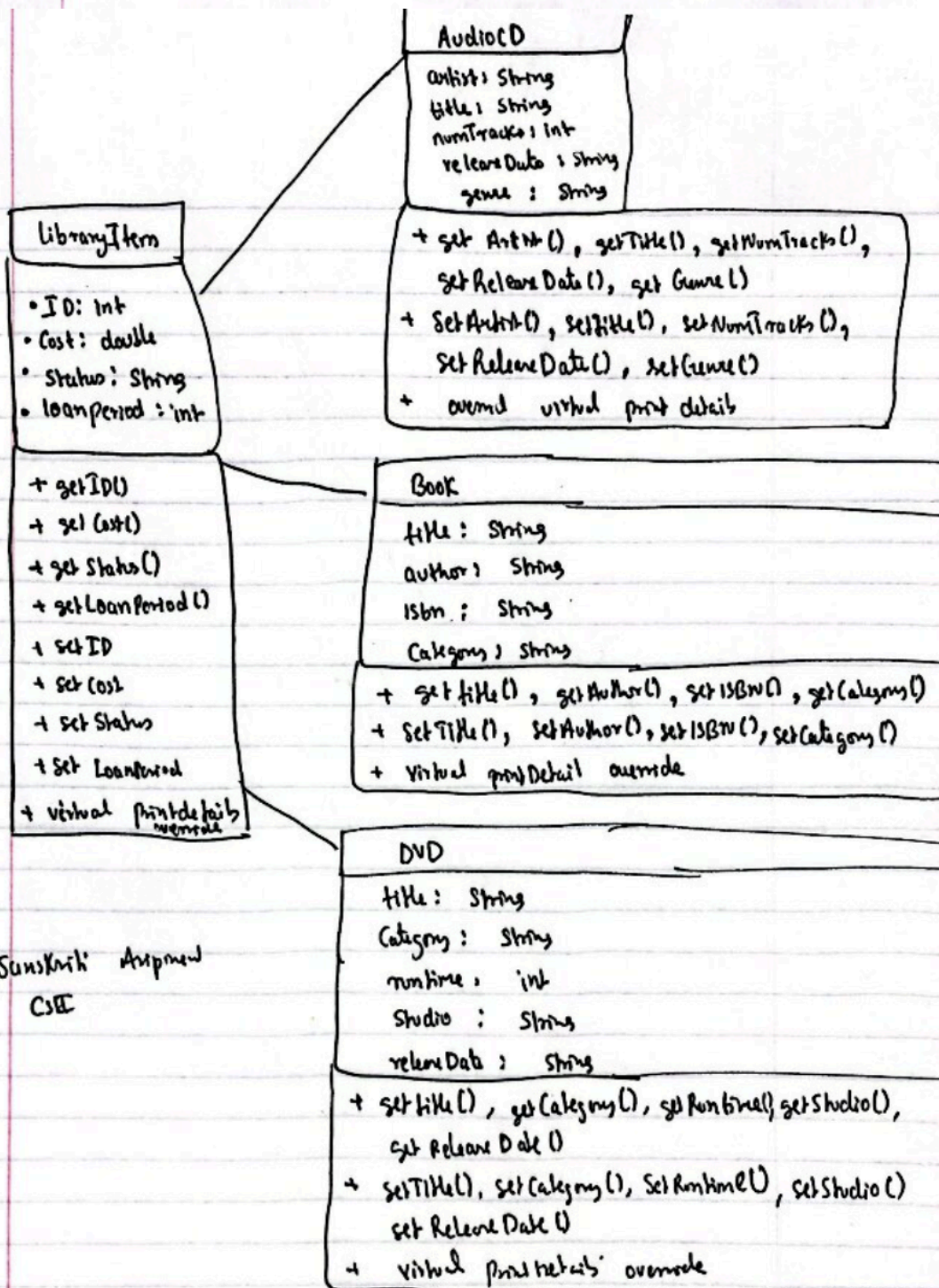
Class Relationships



Class Contents

(menu system)

Books	Patrons	Loans
<ul style="list-style-type: none"> • Author (string) • Title (string) • ISBN number (string) • Library ID number (string) • Cost (double) • Current status (string) (in, out, repair, lost) 	<ul style="list-style-type: none"> • Name (string) • ID Number (int) • fine balance (double) • Current # of books out (int) 	<ul style="list-style-type: none"> • Loan ID (int) • Book ID (int) • Patron ID (int) • due date & time (string) • Current status (string) (overdue, normal)
<ul style="list-style-type: none"> + Add Book () + Edit Book () + Delete Book () + Find Book () + Print All Books () + Print Book Details 	<ul style="list-style-type: none"> + Add Patron () + Edit Patron () + Delete Patron () + Find Patron () + Print All Patron () + Print Patron Details () + Pay fines () 	<ul style="list-style-type: none"> + Checkout Book () + CheckIn Book () + List Overdue () + List Patron Books () + Update Loan Status () + Recheck Book () + Edit Loan () + Report Loan () + Report Lost Book () + Report Borrowing Book ()



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