

PhysicalBook
+ ISBN: int + libraryUser: LibraryMember + damagesBook: str + bookTitle: str + bookAuthor: str
+ setISBN(int ISBN): void + setLibraryUser(LibraryMember libraryUser): void + setDamages(str newDamages): void + setBookTitle(str title): void + setBookAuthor(str author): void + getISBN(): int + getBookTitle(): str + getBookAuthor(): str + getLibraryUser(): LibraryMember + checkBookAvailability(): boolean + printPhysicalBookDetails(): str

Library
+ listOfLibraryResources: list + libraryName: str
+ setListOfLibraryResources(list list): void + setLibraryName(str name): void + getLibraryName(): str + printAllDetailsLibrary(): str + checkElementInLibrary(PhysicalBook/ElectronicResource resourceX): boolean + changeTitleResource(PhysicalBook/ElectronicResource resourceY, str newTitle): void + searchByISBN(int ISBN): str + searchByAuthor(str author): str + removeResource(PhysicalBook/ElectronicResource resourceToDelete): void + removeResourceByPosition(int resourcePosition): void + displayAllAvaibleBooks(): str + lengthOfResources(): int + addAResource(PhysicalBook/ElectronicResource resource): void + lendBookToMember(LibraryMember member, PhysicalBook/ElectronicResource book): void + returnBookToLibrary(PhysicalBook book, boolean damage, str messageDamage): void + getMemberNamesWithBookBorrowed(): list of str + getMemberWithBookBorrowed(): list of LibraryMember objects + messageToMembers(str message): void + printDetailsPhysicalBooks(): str + printDetailsElectronicBooks(): str

LibraryMember
+ nameMember: str + memberID: int + listBooksBorrowed: list + notifications: str
+ setNameMember(str name): void + setMemberID(str int): void + setMessages(str newMessages): void + getNameMember(): str + getMemberID(): int + printAllMessages(): str + addBook(PhysicalBook newBook): void + removeBook(PhysicalBook Book): void + printAllBorrowedBooksByUser(): str + printLibraryMemberDetails(): str + numberOfBooksBorrowed(): int

ElectronicDevice
+ deviceAvailability: boolean + locationDevice: str + deviceType: str
+ setDeviceAvailability(boolean availability): void + setLocationDevice(str location): void + setDeviceType(str type): void + getLocationDevice(): str + getDeviceType(): str + printElectronicDeviceDetails(): str + checkAvailability(): boolean

ElectronicResources
+ listDevices: list + ISBN: int + ebookTitle: str + ebookAuthor: str
+ setListDevices(list list): void + setISBN(int ISBN): void + setEBookTitle(str title): void + setEBookAuthor(str author): void + getISBN(): int + getEBookTitle(): str + getEBookAuthor(): str + printElectronicResourceDetails(): str + addElectronicDevices(ElectronicDevice device): void + str