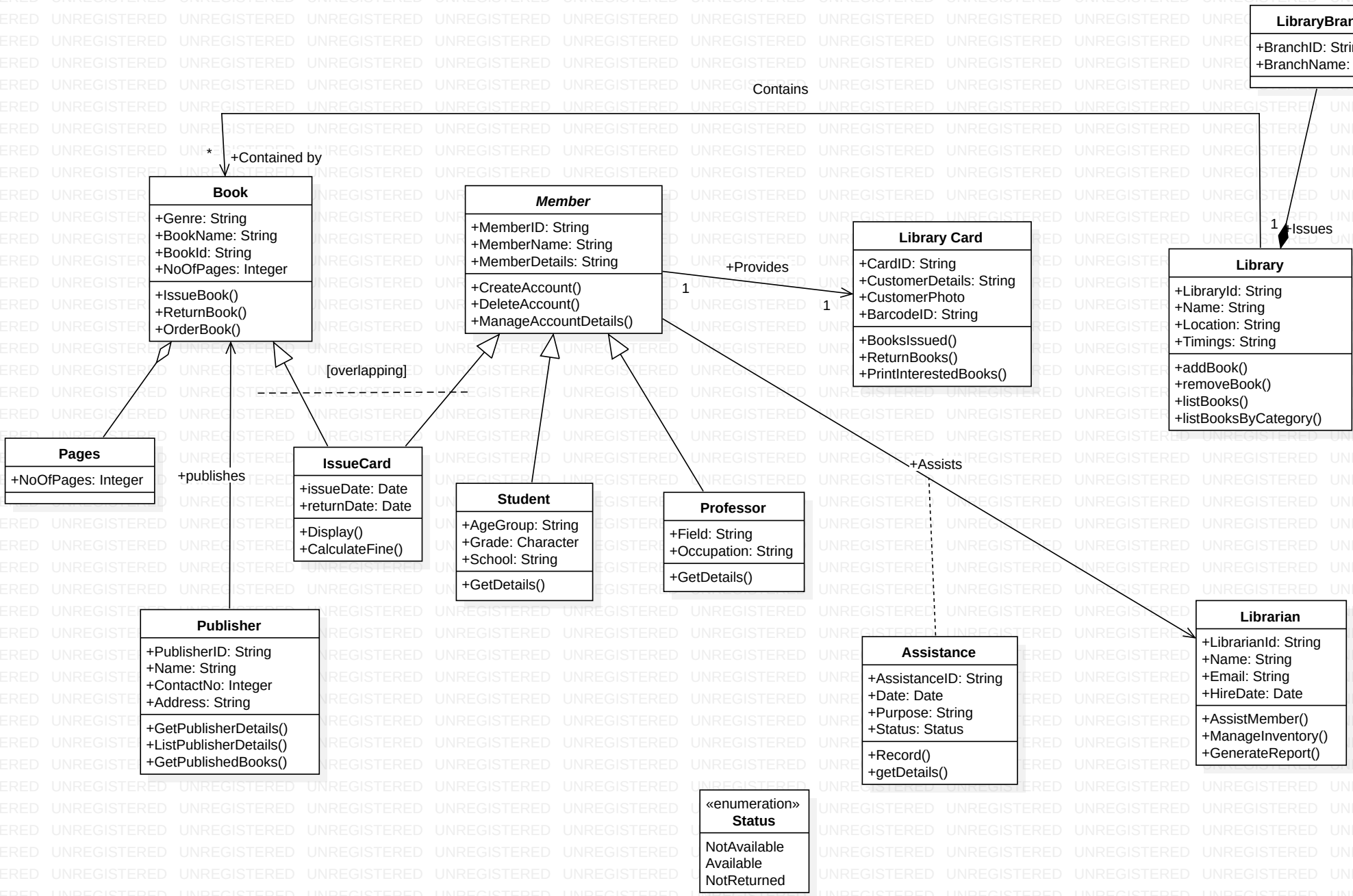
Model::Main


LibraryBranch
+BranchID: String
+BranchName: String
Contains
*
+Contained by
1
+Issues
Book
+Genre: String
+BookName: String
+BookId: String
+NoOfPages: Integer
+IssueBook()
+ReturnBook()
+OrderBook()
Member
+MemberID: String
+MemberName: String
+MemberDetails: String
+CreateAccount()
+DeleteAccount()
+ManageAccountDetails()
+Provides
1
1
Library Card
+CardID: String
+CustomerDetails: String
+CustomerPhoto
+BarcodeID: String
+BooksIssued()
+ReturnBooks()
+PrintInterestedBooks()
Library
+LibraryId: String
+Name: String
+Location: String
+Timings: String
+addBook()
+removeBook()
+listBooks()
+listBooksByCategory()
[overlapping]
Pages
+NoOfPages: Integer
+publishes
IssueCard
+issueDate: Date
+returnDate: Date
+Display()
+CalculateFine()
Student
+AgeGroup: String
+Grade: Character
+School: String
+GetDetails()
Professor
+Field: String
+Occupation: String
+GetDetails()
+Assists
Publisher
+PublisherID: String
+Name: String
+ContactNo: Integer
+Address: String
+GetPublisherDetails()
+ListPublisherDetails()
+GetPublishedBooks()
Assistance
+AssistanceID: String
+Date: Date
+Purpose: String
+Status: Status
+Record()
+getDetails()
Librarian
+LibrarianId: String
+Name: String
+Email: String
+HireDate: Date
+AssistMember()
+ManageInventory()
+GenerateReport()
«enumeration»
Status
NotAvailable
Available
NotReturned