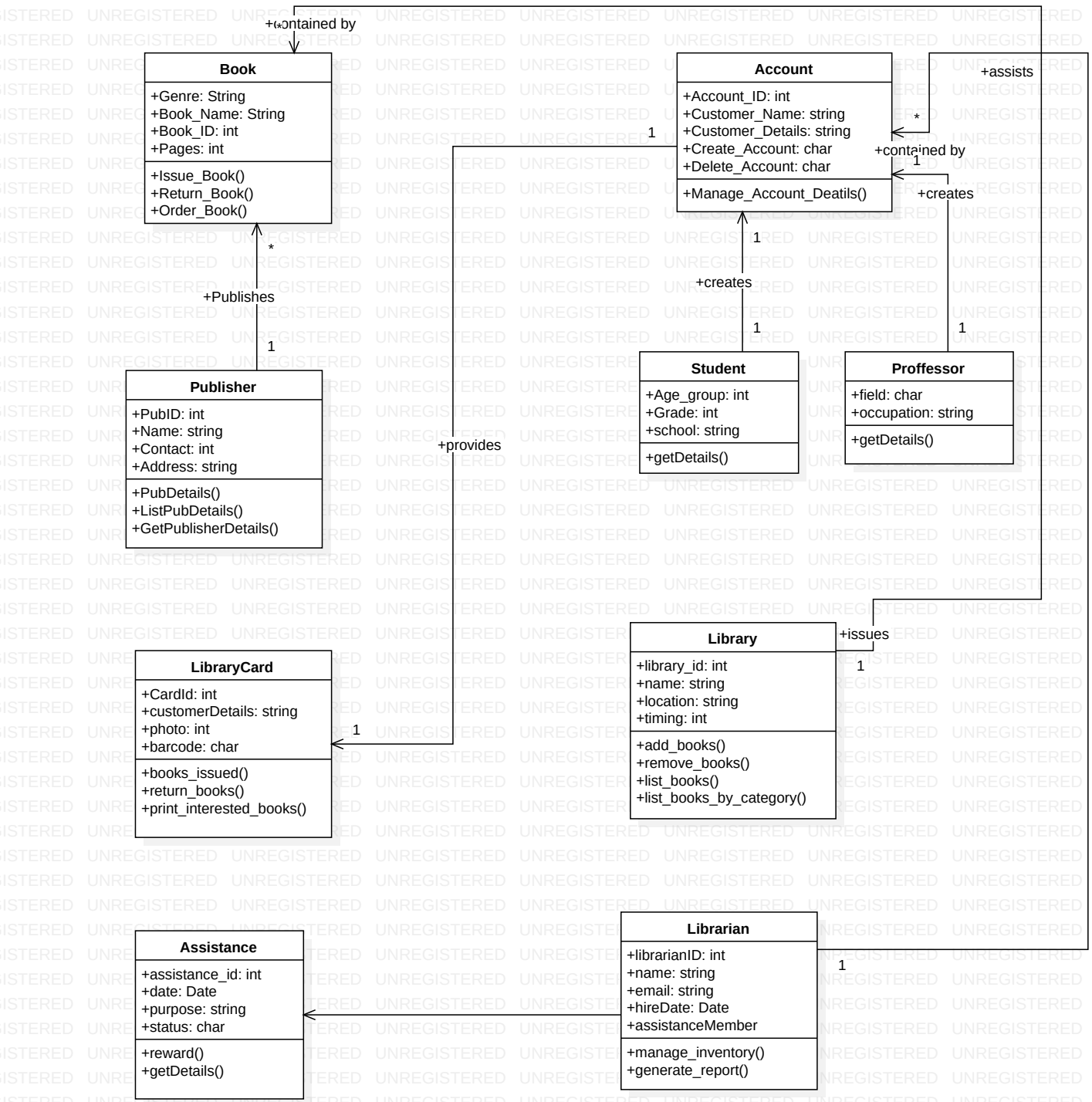
Model::Main


+contained by
Book
+Genre: String
+Book_Name: String
+Book_ID: int
+Pages: int
+Issue_Book()
+Return_Book()
+Order_Book()
Account
+Account_ID: int
+Customer_Name: string
+Customer_Details: string
+Create_Account: char
+Delete_Account: char
+Manage_Account_Deatils()
+assists
*
1
+contained by
1
+creates
1
+creates
1
1
*
+Publishes
1
Publisher
+PubID: int
+Name: string
+Contact: int
+Address: string
+PubDetails()
+ListPubDetails()
+GetPublisherDetails()
+provides
Student
+Age_group: int
+Grade: int
+school: string
+getDetails()
Proffessor
+field: char
+occupation: string
+getDetails()
Library
+library_id: int
+name: string
+location: string
+timing: int
+add_books()
+remove_books()
+list_books()
+list_books_by_category()
+issues
1
LibraryCard
+CardId: int
+customerDetails: string
+photo: int
+barcode: char
+books_issued()
+return_books()
+print_interested_books()
1
Assistance
+assistance_id: int
+date: Date
+purpose: string
+status: char
+reward()
+getDetails()
Librarian
+librarianID: int
+name: string
+email: string
+hireDate: Date
+assistanceMember
+manage_inventory()
+generate_report()
1