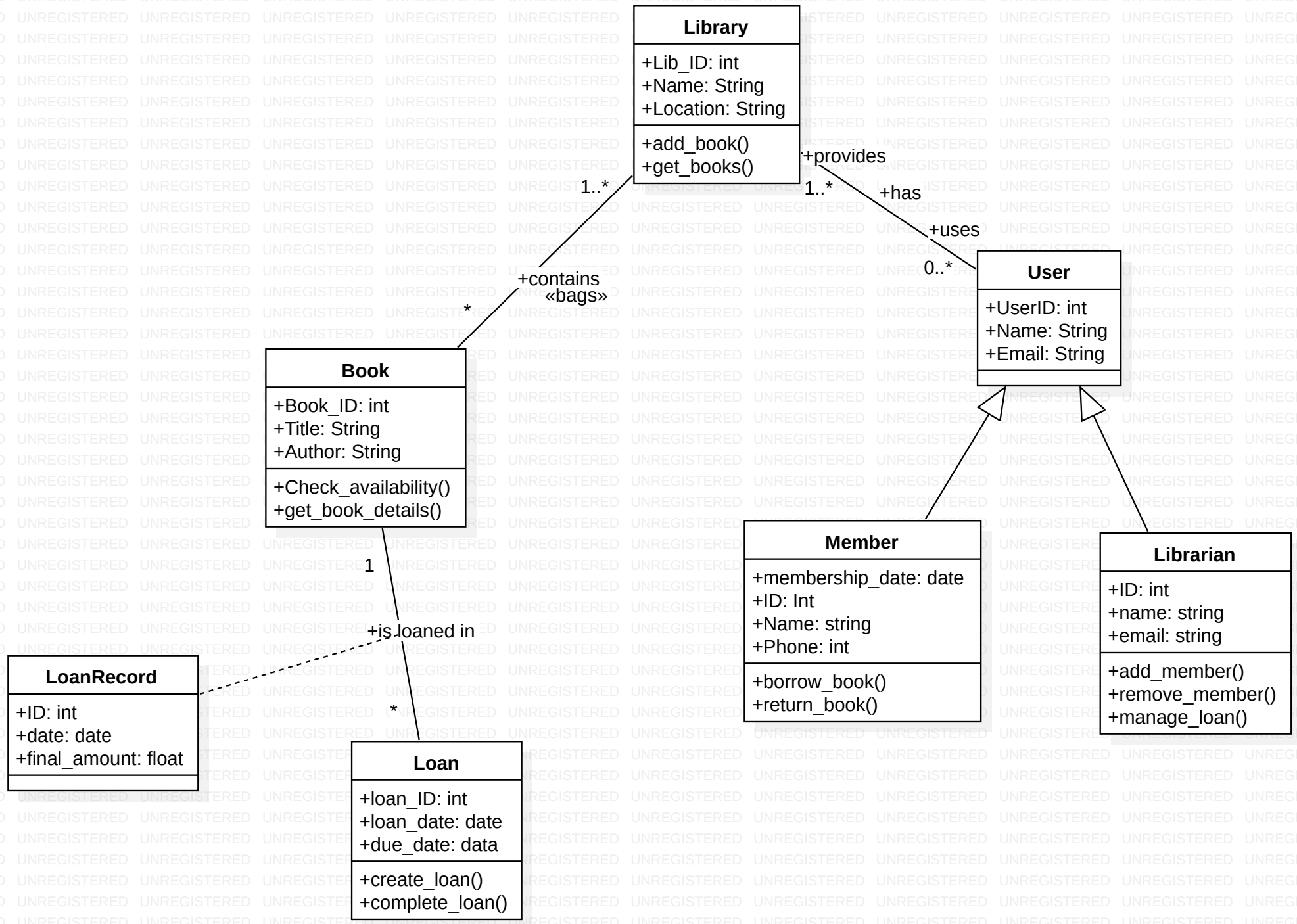
Model::Main


Library
+Lib_ID: int
+Name: String
+Location: String
+add_book()
+get_books()
+provides
1..*
1..*
+has
+uses
0..*
User
+UserID: int
+Name: String
+Email: String
+contains
«bags»
*
Book
+Book_ID: int
+Title: String
+Author: String
+Check_availability()
+get_book_details()
1
+is loaned in
*
LoanRecord
+ID: int
+date: date
+final_amount: float
Loan
+loan_ID: int
+loan_date: date
+due_date: data
+create_loan()
+complete_loan()
Member
+membership_date: date
+ID: Int
+Name: string
+Phone: int
+borrow_book()
+return_book()
Librarian
+ID: int
+name: string
+email: string
+add_member()
+remove_member()
+manage_loan()