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User

-id: Integer
-username: String
-password: String
-lastName: String
-firstName: String
-isValid: Boolean

+login (): Boolean
+isLoggedIn(User user): Boolean

Customer

-billingAddress: Address
-shippingAddress: Address
-billingInfo: <List>BillingInfo
-subscriptions: <List>Subscription

Supplier

-companyName: String
-address: Address

Admin

Manager

Book

-id: Integer
-titile: String
-isbn: String
-categories: <List> Category
-authors: <List>Author
-price: Double
-bookCopiesNumber: Integer
-supplierId: Integer
-approved: Boolean

Author

-id: Integer
-firstName: String
-lastName: String
-books: <List> Book

PaymentRecord

-id: Integer
-date: LocalDate

-customer: Customer
-paymentinfo: BillingInfo
-books: <List> Book
-supplier: Supplier
-amount: Double
-orderId: Integer

Address

-id: Integer
-street: String

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BillingInfo

-id: Integer
-cardNumber: Integer
-holderFullName: String

-expireDate: LocalDate
-securityDigit: Integer
-billingAddress: Address

Category

-id: Integer

-name: String

Order

-id: Integer

-orderNumber: String
-id: Integer
-customer: Customer
-cart: Cart
-shipingAddress: Address
-date: LocalDate
-amount: Double

Cart

-id: Integer

-books: <List> Book
-customer: Customer

Subscription

id: Integer

customer: Customer
catagory: Category

Delivery Info

id : Integer

suplier: Suplier
-customer: Customet
order: Order
trackingNumber: Integer
-expectedArrival: LocalDate
startDeliverydate: LocalDate