Book Store Class Diagram

Book Store

1

User

+ setPassword(String password)

1..*

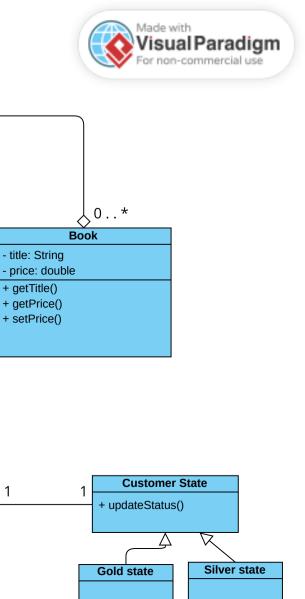
+ main()

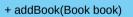
- username: String

- password: String

+ getUsername()

+ getPassword()





- + removeBook(Book book)
- + addCustomer(Customer customer)
- + removeCustomer(String username)
- + adjustCustomerBalance(String username, double amount)

Owner

+ getBalance()
+ setBalance()
+ deductBalance()

- balance: double

- points: int

Customer

- state: CustomerState

- + getPoints()
- + addPoints()
- + setPoints()
- + redeemPoints()
- + setState()
- + getState()

Shopping Cart

- books: List<book>
- + addBook(Book book)
- + removeBook(Book book)
- + getTotalPrice()
- + clearCart()
- + getBooks()