Package diagram For Library Management System (Reserve a book)

Package Diagram LMS (Use Case: Reserve Book)

com

library management
DATE : ___ /___ /___

gui

library Management System GUI

☐ reservationService : BookReservationService

○ main(args : String [ ]) : void.

↓ user

service

Book Reservation Service

☐ bookReservation DAO : BookReservationDAO()

○ get availableBook ( ) : List <Book>

● isBook Available (booName : String) : boolean

○ reserve Book (bookName : String) : boolean

↓ uses

dao

Book Reservation DAO

☐ available Books : List < Book>
☐ reserved Books : List < Book >

○ Book Reservation DAO ( )
○ get Available Books () : List < Book >
○ reserve book (book : Book) : void

↓ uses

model

Reservation

☐ book : Book
☐ Member Name : String
~~☐ reservationDate : bookList~~

○ get Book() : Book
○ get MemberName () : string
~~● getReservation Date : boolean~~

● toString() : string

Book

☐ title : string

● get Title () : String

● toString() : string