

CSC 335: Large Assignment 2 UML Diagrams

First, a detailed UML diagram for the Book class is given below (note that Read is an enumerated type defined within the program):

Book
<ul style="list-style-type: none">- title: String- author: String- rating: int- readStatus: Read
<ul style="list-style-type: none">+ Book(title: String, author: String)+ Book(title: String, author: String, rating: int, readStatus: Read)+ equals(other: Book): boolean+ setRead()+ updateRating(newRating: int)+ getTitle(): String+ getAuthor(): String+ getRating(): int+ getReadStatus(): Read+ toString(): String+ makeComparatorTitle(): Comparator<Book>+ makeComparatorAuthor(): Comparator<Book>+ makeComparatorRating(): Comparator<Book>

A larger, more complex UML class diagram for the program as a whole is then given below:

Library Collection Class Diagram

