

Week 2 – Graded Project

Problem Statement

MagicOfBooks

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Magic of Books is a Book store which deals with book. All the inventory of the store is been managed manually. but now as store is expending its becoming difficult to manage it manually. Books store wants to have a book management system with following features.

User Stories

1. As an User, I should be able to enter into the application using my user name
2. As an User, My user name should be checked and verified
3. As an User, if valid I should be able to see all my books (new, Favourite or completed)
4. As an User, I should be able to select any book by entering book Id.
5. As an User, I should be able to get book details like Author name and description.
6. As an User, I should be able to see proper Exception messages for every negative input.
7. As a User, I should be able to work on a new Thread whenever I log in the application.

Instructions

1. The User class should have following Attributes: -

userName

user Id

email id

password

Map<key<String>,ArrayList<Book>>

the book class should have following attributes: -

bookName

Author name

description

book Id

2. Use Collections to store books information in user class.
3. Create book and User as a pojo.
4. create MagicOfBooks class to define all the functionality related methods.
5. Use recursive menu to display all the options and inputs
6. Use custom exception to show all the error messages
7. Zero marks will be awarded if the code throws compile time error. Partial marking will be done only if the code has no compile time error