*CSD 3464 Project*

*Due date: Dec 18,2019*

*Instructor: Faisal Khan*

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| *Name* | *Student ID* | *Group#* |
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1-Use Documentation Comments where needed and use Javadoc to create HTML files for documentation.

2-In your project src folder add this word document with all your group members names and paste the screen shots of your output after each question.

3-Right Click on your Project Folder in Eclipse, Copy Option is available. Create a copy of the Project and upload the zipped folder using Moodle.

**CSD 3464 Project**

**General Requirements:**

Create a Java application that inputs, processes and stores a Book’s data as a Library Record.

**Due date:**

Before 11:59:59PM on December 18th 2019.

**Specifications:**

1. Your application should be able to accept Book data from the user and add the information in a file type of your choice.

2. Book Data should include the following

* **BookID**
* **BookName**
* **AuthorName**
* **Category(Like Fiction , Literature , Science , Politics etc)**
* **Publisher**
* **Price**

Example:

**111222333**

**War and Peace**

**Leo Tolstoy**

**Literature**

**Unique Publishers**

**$1000**

3. Your application should provide the functionality to display the Books data as needed. 10

4. Your application should also provide sorting capabilities, at least by Book Name, Author Name and Price. 20

5. Your application should also provide a functionality to search for a specific Book by:

* BookID 10
* Book-Name 10
* AuthorName 10

6. Your application should allow modification of any Book data by providing proper UI. All the modifications should be persisted on a file type of your choice (same file as in item 1). 20

7. Your choice of the type of the application (Console or GUI based).

8. If using Console based application, proper menu’s need to be provided after every command is executed. 20





