Assignment 5

CSCI 4391.02 – Intro to Mobile Applications Development, Spring 2018

Due Date: 04-25-18, 11:55pm

Submission Guidelines

Prepare a folder that contains your Android project and upload the zipped folder to Blackboard.

Penalty for Late Submission

Late submissions not accepted.

Description of Assignment

You must design and develop an Android app that allows its users to create and maintain a database of books borrowed from the library.

Following are the specific requirements:

- Using **SQLiteOpenHelper**, create a database of books
- Each book must have a title, author, subject name, and due date
- Your app UI must implement at least the following fragments:
    - A list fragment
        - Show current list of books from the database in the decreasing order of due dates (book with earliest due date is shown first).
        - The rows in the list view must be customized to show the book title in small font (black color) and due date in large bold font (blue color)
    - A detail fragment
        - Show the details of a selected book
        - Allow the user to update a selected book
        - Allow the user to delete a selected book
        - Allow the user to add a new book