DEPARTMENT OF COMPUTER & INFORMATION SYSTEMS ENGINEERING
BACHELORS IN COMPUTER SYSTEMS ENGINEERING

Course Code: CS-116
Course Title: Object Oriented Programming
Complex Engineering Problem
FE Batch 2020, Spring Semester 2021
TERM PROJECT

Term Project Title:
LIBRARY MANAGEMENT SYSTEM

Description:
In this Library Management System project, you can enter the record of new books and retrieve the details of books available in the library. The students can also issue the books and the records will be maintained. Only one book is issued to students. New book is not issued to students if they have not returned the last book.

Project Explanation and features:
We will create a menu to select a user whether he/she is a student or teacher. If the user is new to the library, he will have the option to:

- create account with some basic information.

After selection of role, the user will enter his username and password which will give them access to the library management system.

If you logged in as a teacher then there will be access to different services like add, remove or update the books. Also, there is an access to see the list of all the books.

- If you click on add books then you can easily add the book by entering the book id, book name and author name.
- You can also delete or update the books, just select the option from the list, that's it.

If you logged in as a student then there will be access of different services like:

- Borrow a book
- Return a book
- List of books
- The history of books borrowed shall also be maintained and stored.

In addition to this, the program will also:

- Store and display the records of books that the library has
- Store and display the records of books that have been borrowed.