

# **CSCI 21052 Object Oriented Programming – I**

## **Group project**

### **Group 05**

### **Project Scope:**

Project Title: Library Management System.

### **Group members**

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## Project Description:

In this Project we are going to create a complete Java application of Library management system. We are using **JAVA** and **MY SQL**. IDE which we are using is **NetBeans**. For the my sql we are using **XAMPP** server as a sql tool.

## Proposed Features of the application:

- ❖ Login page: Application starts with user friendly interface which can login to the system. If user not registered, signup button is to create a new account.
- ❖ Home page: home page consists of number of books, number of students, number of issued books and not returned book list (real time values comes from database). Also showing the student details and book details.
- ❖ Features:
  - Manage books: admins can add, delete and update books.
  - Manage students: admin can add, delete and update students.
  - Issued books: it contains of book details, student details, issued date and due date.
  - Return books: it contains of issued details, student details, issued date and due date.
  - View record: admin can view all the records along with their status whether the book is returned or not.
  - Not returned books: Details of students and books that are still not returned.