Bahria University,
Karachi Campus

Course: SEN-221 – Software Design And Architecture
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<u>Project Proposal</u>

Submitted By:

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Submitted To:

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Remaks :

PROJECT TITLE:

LIBRARY MANAGEMENT SYSTEM

The main aim of this project is providing an easy to handle and automated library management system. This project also provides features and interface for maintaining librarian's records, student's history of issue and fines. The owner can easily update, delete and insert data in the database with this project

Following are some of the features provided by this project:

- The issue of books by online mode.
- Columns provided to search book online.
- Requests to the librarian can be sent to provide new books in the column.
- Login portal for a student for security purpose of the library.
- Homepage for the student which has different buttons to navigate to pages containing the date of issue, date of return, fine charges etc.
- Columns for teachers to get book issued if desired.
- Requests column for teachers to ask for the introduction of new or essential books in the library.
- Maintaining records of the librarian and other library staff.
- Feedback page to be viewed and monitored by the college authority, to which student
- The teacher/students can mention any misbehave or feedback for the library.

This project has many features which such as the facility of user login and teachers login. Also on the top of all this, there is an admin who will be managing the entire application's authorization and authentication, not any intruder can login and modify the data, as a login for admin is also available.

In short ,this project Library Management System aims at developing a fully functional computerized system to maintain all the day to day activity of a library

We can develop this project by using visual studio and SQL as database connection.