**Project Title:** Library Management System Using C++ programing language.

**Objective:**

1. Digitalization of Library system.
2. Reduce the waste of time to find a book in the library.
3. Knowing the prices of books and number of books storing in the library.
4. Secure the library register from misuse without admin.

**Description:**

In this project using C++ Library Management System is a console application without graphic developed using the C++ programming language. It is compiled in Code::Blocks with the GCC compiler. In this, I can perform book-related operations like in a REAL library management system with computer. Here, This is a menu driven C++ program through which I can add books to library, delete books from library catalog, search books by ID or search books by book name, issue books that are in catalog, view the list of books, Edit the records of existing books and much more.

**Target User:**

Both students, teachers and faculty member and so on.

**Features:**

1. Add Books
2. Delete Books
3. Search Books
4. Issue Books
5. View Books list
6. Edit Books record

**Tools and resources:**

1. Code Blocks
2. Git
3. Github
4. Different Books
5. Internet resources and
6. stackoverflow

**Challenges:**

1. Database Management
2. Multiple users password handballing
3. Securing the database

**Project Timetable:**

|  |  |  |
| --- | --- | --- |
| Si.No | Weeks | Progress of works |
| 01 |  |  |
| 02 |  |  |
| 03 |  |  |
| 04 |  |  |
| 05 |  |  |
| 06 |  |  |
| 07 |  |  |
| 08 |  |  |
| 09 |  |  |

**Conclusion:**

This is really a good program that will help me to learn several concepts of C++ programming Language like adding entries to files, searching entries in files, deleting things in file, modifying records etc.