**MINI PROJECT ON C LANGUAGE**

**LIBRARY MANAGEMENT SYSTEM**

**INTRODUCTION:**

Library management is a project that manages and stores books information electronically according to students needs. The system helps both students and library manager to keep a constant track of all the books available in the library. It allows both the admin and the student to search for the desired book.

The project titled Library Management System is Library Management software for monitoring and controlling the transactions in a library. The project “Library Management System” is developed in C, which mainly focuses on basic operations in a library like adding new books, and updating new information, searching books and members and return books.

This project “LIBRARY MANAGEMENT SYSTEM” gives us the complete information about the library. We can enter the record of new books and retrieve the details of books available in the library. We can issue the books to the students and maintain their records and can also check how many books are issued and stock available in the library. In this project we can maintain the late fine of students who returns the issued books after the due date.

## OBJECTIVES:

a) To build a system that can receive input and generate automatically output in easy way and short time.

b) To build a monitoring system that is able to monitor and manage all library operations efficiently.

c) Give an opportunity to librarians to reduce mistakes that always happen during manual method.

d) To store properly the library items in order to maintain their security.

e) To enter and preserve details of the various issues and keep a track on their returns.

## ****BENEFITS:****

a) Record Maintenance.

b) Web-Based Solution.

c) Saves Time and Cost.

d) Secure and Reliable.

e) Increases Efficiency.

f) Simple and Easy to Use.

### Weakness:

a) The data stored is prone to cyber hacks.

b) Costly and Expensive.

c) Complicated to operate.

d) Online Systems require high-speed internet connectivity.

e) Risk of computer virus.

## ACKNOWLEDGEMENT:

While I was preparing this mini project , various information that I found helped me and I am glad that I was able to complete this project and understand many things. Through preparation of this computer science project named Library Management System was an immense learning experience and I inculcated many personal qualities during this process like responsibility, punctuality, confidence and others.

I would like to thank to my mentor who supported me all the time, cleared my and played a big role in finalization of my project file.

I did research and found a quality project and took help of that project and then did my project.

## REFERENCES:

1. GITHUB
2. WIKEPEDIA
3. GEEKSFORGEEKS