Green University of Bangladesh
Department of Computer Science and Engineering (CSE)
Faculty of Sciences and Engineering
Semester: (Summer, Year:2022), B.Sc. in CSE (Day)

LAB PROJECT PROPOSAL
Course Title: Data Structure
Course Code: CSE 106   Section: DC

Student Details

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Submission Date: _ _ _ _ _ _ _ 20 - 08 - 2022 _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _

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[For Teachers use only: **Don't Write Anything inside this box**]

1. **TITLE OF THE PROJECT PROPOSAL**

   ## Library Management System in c.

2. **PROBLEM DOMAIN & MOTIVATIONS**
   - To keep track of library records, a library management system is utilized.
   - It helps in maintaining data of books issued to learners and books available in the library.
   - It keeps track of the quantity of books in the library.How many are issued, how many are returned or renewed, and late fine costs, among other things.

3. **OBJECTIVES/AIMS**
   - A library management system helps librarians and library users work more efficiently.
   - It also makes it simple for librarians to catalog books and maintain track of those that have been issued, reissued, and not returned.

4. **TOOLS & TECHNOLOGIES**
   - The database is saved in a   .c file. The project is called Library Management System. The Code blocks IDE tool was used to create this project system, which was written in C programming language.
   - Operating system: Windows 10.
   - IDE : Code block.
   - Concepts used in Project:

     1. Searching algorithm for searching books.
     2. Sorted algorithm for decorating book and self.
     3. Function: User define function.
     4. Array.
     5. Structures: User defined data type.
   - These are the function used in this library management project:
     void mainmenu( )
     void addbooks( )
     void deletebooks( )
     void searchbooks( )

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void issuebooks( )
void viewbooks( )
```

5. CONCLUSION

The Library Management System is developed in the C programming language . This Library Management System Project In C you can perform functions such as add books, return books, issue books, delete records of books issued, view record of books issued, search for books, and more. You can add a book to the Civil section, delete a book from the Electrical section or view issued book details of the Mechanical department.