Green University of Bangladesh
Department of Computer Science and Engineering (CSE)
Faculty of Sciences and Engineering
Semester: (Fall, Year:2021), B.Sc. in CSE (Day)

LAB PROJECT PROPOSAL
Course Title:STRUCTURE PROGRAMMING LAB
Course Code: CSE 104   Section:DA

Student Details

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Lab Date   **: 21/02/2022**
Submission Date   **:21/02/2022**
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[For Teachers use only: **Don't Write Anything inside this box**]

Project Proposal Status
Marks: …………………………………   **Signature: ....**
Comments: ....   **Date: ....**

1. **TITLE OF THE PROJECT PROPOSAL**
   Library Management System

2. **PROBLEM DOMAIN & MOTIVATIONS**
   Information Technology has revolutionized the life of human beings and has made lives easier by the various kinds of applications. In the light of the rapid changes with the use of Information Technology,there are many tools,technologies and systems that have been produced and invented .

   This project is concerned with developing a Library Management system for Agape Youth Library in order to make library management more efficient and easy to handle .The library management system enables a fully automated library service. It has the ability to display the details of the books available in various departments,the transactions of books and about the book holders.

3. **OBJECTIVES/AIMS**
   The goals of this project are to provide simplicity as well as security and efficiency to the management of the library and also reduce managing personnel in the library.

4. **TOOLS & TECHNOLOGIES**
   AS technology we used C Programming Language in this project for giving library facilities online to the students.
   I have used Code blocks for running the C program of the Library Management System.The tools and technologies are given below in the picture:

Activities of the Borrower	Activities of the Administrator	Activities of the librarian

• Search for a book	Add/Delete books	Issue books
• Borrow a book	Maintain the database	Return books
• View user details	View user details	Add/delete books
• Modify user details	Maintain user details	

5. CONCLUSION

The library management system needs to be computerized to reduce human errors and to increase efficiency. The proposed library management system in this proposal will be a computerized management system developed to maintain all the daily work of the library. Library Management Systems are designed to store all the information about books and members.

The main focus of this project is to lessen human effort and encourage efficient record keeping.

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