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**Green University of Bangladesh**

**Department of Computer Science and Engineering (CSE)**

**Faculty of Sciences and Engineering**

**Semester: (Spring, Year:2021), B.Sc. in CSE (Day/Eve)**

**LAB PROJECT PROPOSAL**

**Course Title:** Structured Programming Lab

**Course Code:** CSE 104 **Section:** PC**-**DE

**Student Details**

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| **Name** | | **ID** |
| **1.** | Md Masud Rana | 213902101 |

**Submission Date:** 13/04/2022.

**Course Teacher’s Name:** Md. Parvez Hossain, Lecturer of GUB.

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

1. **TITLE OF THE PROJECT PROPOSAL :** Student Record Management System.

* The mini-project “Student Record Management System Project in C” is a console application using the C programming language. This project compiled in Code Blocks with the GCC compiler. In this console application, I will complete basic Student Record tasks like adding the student info, view the added student, search the students,modify record,and delete rocord ..etc. This application based on[file handling in C](https://aticleworld.com/file-handling-in-c/), where I will use a file-related function like [fopen](https://aticleworld.com/fopen-in-c/" \t "_blank), [fread](https://aticleworld.com/fread-in-c/" \t "_blank), [fwrite](https://aticleworld.com/fwrite-in-c/" \t "_blank),fscanf, fgets ,fputs ..etc function. i will use some usedefined function like studentAdd(),studentSearch(),studentDelete() etc.

1. **PROBLEM DOMAIN & MOTIVATIONS**

* To implement this projects one can manage various information like add,delete,search,modity etc.
* This projects performed in school,collage student record manage.
* Not only student record but also everwhere use this projects where we have to perform data add,delete,search,modify,etc.

1. **OBJECTIVES/AIMS**

* To perform student database management system and find data easily.
* To improve performance in student rocord system where we can manage student information in school,collage etc.
* To perform various student record like student Add,delete,modify,search etc.

1. **TOOLS & TECHNOLOGIES**

I will use below tools and technologis.

* **Tools:** Codeblocks,GNU-gcc compilar,windows.
* **Technology: C**.
* **Technologies**: basic operation,expression,conditional,loop,array,string,function,pointer,file file handeling.

1. **CONCLUSION**

* In this projects we perform “student rocord management” system in C”. this is a console application using the C programming language. This project compiled in Code Blocks with the GCC compiler in windows. In this console application, I will complete basic Student Record tasks like adding the student info, view the added student, search the students,modify record,and delete rocord ..etc. This application based on[file handling in C](https://aticleworld.com/file-handling-in-c/), where I will use a file-related function like [fopen](https://aticleworld.com/fopen-in-c/" \t "_blank), [fread](https://aticleworld.com/fread-in-c/" \t "_blank), [fwrite](https://aticleworld.com/fwrite-in-c/" \t "_blank),fscanf, fgets ,fputs ..etc function. i will use some usedefined function like studentAdd(),studentSearch(),studentDelete() etc. to implement this projects we can manage student rocord system in school,collage etc. we will complete this projects using C technology and various tools. Mainly we will complete this projects file handeling in c.we use many built in and userdefied function,we implement it divided by many small blocks so that it readability increases and everyone can edit and implementation it.