NORTH SOUTH UNIVERSITY

CSE-115

Project Proposal

Faculty: HSM

Prepared for

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Name of the project: Student Management System.

Purpose: Student Management system is designed to help manage the Educational Institutions activities of recording and maintaining by automating it.

Benefit: Student Management system will be beneficial for educational institutions like school, college and university.

Features of Student Management System in C:

- Add student record
- Search student record
- Modify student record
- Generate marksheet (including 2 class tests, 1 mid and final).
- Delete student record

Data type: In this project I will use primary and user defined data type like – int, float, double, char and struct.

File type: I will use text or csv file in this project.

List of function used in "Student Management System" in C language:

- ➢ **welcome():** This function displays the first welcomes screen of the "Student Management System project in C" and asks the user to press any key to access the library application.

- ➢ **menu():** This function displays the library menu and ask the user select the option. Example: If the user select 1 then the application will add student record.

- ➢ **isFileExists():** This function verifies that a file has been created or not. If the file exists, the function will print "File has been created" else "File not found".

- ➢ **addStudent():** This function opens the file in append mode and writes the student details.

- ➢ **searchStudent():** This function opens the file in reading mode and ask the user to enter student id number which wants to search. If the student info is not available on the list, it will shows the message student not find in records.

- ➢ **modifyRecord():** This function opens the file in reading and writing mode. It asks the user for the new username and password. After taking the password and username it closes the application. Now user can use the application with new password and username.

➢ **deleteStudent():** This function asks the student id from the user for the student to want to delete. In this function, I am creating a temporary file and copy all the data from the existing file except the book whose student id entered by the user. In the last renamed the temporary file with and existing file.

THE END

Thank You