**STUDENT RECORD MANAGEMENT SYSTEM**

1.1 PROJECT PURPOSE:

This project is aimed to developing a student record system. It is a system meant to maintain all the details regarding student details. We have developed it using C++. It will also reduce the paperwork and reduce the time.

1.2 FUNCTIONALITIES OF THE SYSTEM:

These functionalities have been implemented in the program:

* ADD STUDENT RECORD: Admin can add the student details like name, roll no, standard, email id, contact number and address
* MODIFY STUDENT RECORD: Admin can modify their details like name, roll no, standard, email id, contact number and address
* DISPLAY STUDENT RECORD: Admin can view their personal details
* DELETE STUDENT RECORD: Admin can delete the entire student record based on the roll no they entered
* SEARCH STUDENT RECORD: Admin can search for the student record based on the roll no they entered

1.3 OPERATING ENVIRONMENT

SOFTWARE REQUIREMENTS:

* Language: C++
* Operating system: Linux
* Platform: Ubuntu

1.4 FLOW DIAGRAMDiagram

Description automatically generated

1. START

This is the start block which indicates the start of the program.

1. ADMIN

Admin has to login by providing the required credentials.

Admin manages all the operations such as add, delete, modify, search and display the students record.

1. LOGIN

Admin has to login by providing the required credentials.

1. ADD RECORD

Admin can add the students details such as student’s name, roll no, course, email id, contact no and address.

1. MODIFY RECORD

Admin can modify students record.

1. DELETE RECORD

Admin can delete students record.

1. SEARCH RECORD

Admin can search students record by providing students roll no.

1. DISPLAY RECORD

Admin can view all the students record.

1.5 CONCLUSION

Student Information Management System can be used by education institutes to maintain the records of students easily. Achieving this objective is difficult using a manual system as the information is scattered, can be redundant and collecting relevant information may be very time consuming. All these problems are solved using this project.