**Project Synopsis On –**

**Web Application For Student** **Information System**

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AIM

To develop a web application for student information system for institutions.

INTRODUCTION

A database management system(DBMS) is system software for creating and managing database. It provides users and programmers with a systematic way to create, retrieve, update and manage data. Students form a main part of any institution that concerns with. But the institution find it difficult to keep details of so many students of the organisation just in one stretch. It will involve a lot of pen paper work. Sometimes there will be some huge heap of files bundled up and kept together in some corner of the office. It will be the files that contain the details of students of institution. To solve all these problems, we develop this application so that administrator of the institution can access this application to store and access all the details of the students and no need to store the details in a paper.

WORKING

Our application is to develop a web application which enables the administrator to store, update and access all the details of students in an institution and it reduces the manual work for managing the student details. The application is developed through PHP and HTML language.

This project is totally built at administrative end and thus only the administrator is guaranteed the access. It will help the access to the database by only authorized users to access the information of the academically registered students. The authorized user or administrator can login to the application by using username and password. After login the admin can retrieve the student details by entering student roll no.

The limitation behind using normal student record keeping system is it need a lot of time and man power etc. So if this application is implemented then it overcomes the limitation of the normal student record keeping system.

ER DIAGRAM



ADMINISTRATOR

N N

ADDS

ENTERS

ENROLLS

HANDLES

DEPARTMENT

COURSE

STUDENT

N N

1

1 1

CONDUCTS

N 1

1

HAS

1

MAINTAINS

1 N

ATTENDANCE

EXAMS

SECTION

1

DESCRIPTION

When a admin login to the application he/she can see the six options they are student, course, department, exam, attendance and section. These options and its attributes with entity relationship module presented in the ER diagram. When he/she selects student option then he/she can retrieve student roll no ,student name, address, contact number. Each student in a institution is given a unique roll no which identifies he/she uniquely. The student details can be retrieved by using roll no. He/she belongs to the unique department which includes department id, department name that offers a course that has course id, course name. Student attendance is also maintained and all the exam details regarding each student can be achieved by using roll no. Each department has section where he/she can be identified by section id.

Any update, edit in the student details can be done. Once the admin is done with the changes he/she can log out from the application.

TOOLS AND LANGUAGE USED: PHP/MySQL/html