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Implementation and Development of Initiate Data Controlling System

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ABSTRACT

Student Information Management System (SIMS) is a software for information about the students. There are many departments in a college. All these departments provide various records regarding students. Most of these track records need to maintain information about the students. This information could be the general details like student name, address, performance, attendance etc., or specific information related to departments like collection of data. They are maintained manually. So they need to be automated and centralized as, Information from one module will be needed by other modules. For example when a student needs his course completion certificate it needs to check many details about the student like his name, register number, year of study, exams he attended and many other details. So it needs to contact all the modules that are office, department and examination and result of students.

Keywords: Software, attendance, information and department.

1. INTRODUCTION

Student Information Management System deals with all kind of student details, academic related reports, college details, course details, curriculum, batch details and other resource related details too. It tracks all the details of a student from the day one to the end of his course which can be used for all reporting purpose, tracking of attendance, progress in the course, completed semesters years, coming semester year curriculum details, exam details, project or any other assignment details, final exam result etc., It can handle all details about a student. The details include college details, subject details, student personnel details, academic details, exam details etc.

2. SOFTWARE REQUIREMENTS

C# is used for front end for this application and MySQL is used for backend.

3. MODULES

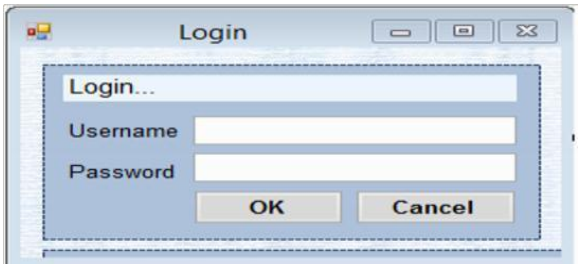
1. Login
2. Student information
3. Fees details
4. Co-curricular and academic

3.1 login

A username and password that allows a person to log in to a computer system, network, or user account. The user ID must conform to a limited length such as eight characters and the password must contain at least one digit. As a security precaution, one should not rely on implicit means of logging out of a system, especially not on a public computer, instead one should explicitly log out and wait for the confirmation that this request has taken place. We are using the login system for student information, fees details, co-curricular activities.

In this module we can add the students' information in a proper manner which will help to identify all the record. Each record has a specification to identify in easily. It stores the data is in database that is SQL server (back end). It will helps for students as well as facility to identify

3.2 Student details

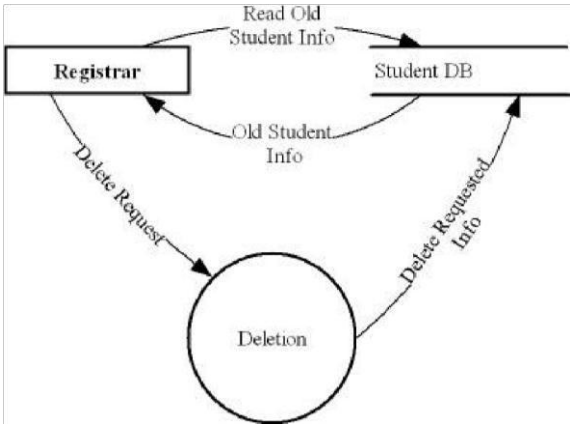


3.3 Fees details

The students' records each student have specific register number to register. It have options to add, delete, edit, save like that and also we have separate column for add the photo in their profile. If someone wants to particular data of that student it will show all the information about the student. It will show the details like gender, department, email-id, phone number like that.

3.4 Co-Curricular and academic

That means participated and won the achievements are notified here that is major problem for all this institution. That the data are missed so we have to maintained that data in an proper manner. In this software we have separate page browse and save their co-curricular activities. And we have an another records that is academic performance which means their internal marks and Fees details is an identification of each student fees in that duration of that course. And we have to identify how much they paid and how much amount they want to pay that means that pending amount will notify by email and normal. Messages to them and their parent mobile numbers. And it will send the notification for corresponding departments. If someone pay that fees that also notify by this system. This much amount that particular student paid that date. That automatically sends the notification via one click. Semester marks that will be handled by this method with an particular software we can identify every students records.



4. CONCLUSION

In this method we can easily identify the student records which will help to make that particular student record with an entering their register number. It is a well good method for all that institution it notifies about the fees, academic details and their co-curricular actives also identify easily in this application.

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