

# Student Information System

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**Abstract**— In this paper, Student information system can be used by education institute to maintain the record of students easily. Achieving the objectives 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. In this project there will be two module admin and student admin will be able to edit student details, can be able to update students result, and much more and admin will also be provided a login ID and password.

**Index Terms**— SIS, student information system

## 1 INTRODUCTION

The objectives of student information system is to allow the administrator of any organization to edit and find out the personal details of a student and allows the student to keep up to date his profile. It'll also facilitate keeping all the record of students, such as their id, name, address, phone no, DOB etc. So all the information about a student will be available in a few seconds.

Overall, it'll make student information system an easier job for administrator and the student of the organization.

The main purpose of the (SRS) document is to illustrate the requirement of the project Student information system and is intended to help any organization to maintain and manage student's personal data.

In this module students can see their details.

## 2 RELATED WORK

### 2.1 Purpose of the document

This paper is the software requirement specification(SRS) for the student information system for college project. The purpose of this paper is to describe the functionality, requirement and general interface of the SIS

### 2.2 Scope for development of this paper

- ⑩ Login to the system through the first page of the application
- ⑩ Admin can edit students detail,update result.
- ⑩ Admin can update students attendance percentage.
- ⑩ Admin can see which students fees are pending.
- ⑩ Access the student information.
- ⑩ Students can view their details

### 2.3 MAIN MODULE OF THE SYSTEM

#### A). Administrator

This module can update students detail,can update result,can see which students fees are pending,can update attendance percentage of students,will be able to upload students L.C and will update the scholarship details.

#### B). Student

### 2.4 EXISTING SYSTEM

In existing system every organization follows manual procedure in which faculty should enter all the details of the student such as attendance(only %),result,fees, scholarship details and L.C etc.

### 2.5 LIMITATIONS OF EXISTING SYSTEM

- Lots of paperwork: Existing system requires lot of paper. Loss of even a single register/record led to difficult situation because all the paper are needed to generates the reports.
- Time consuming: every work is done manually. It increases the frequent interaction of the admin with the student.

## 3 REQUIREMENT AND SPECIFICATIONS

### A. Funtional Requirements

- 1) Admin can enter the details of the student
- 2) Students can see their own details
- 3) The login and password is verified for authentication

### B. Non-Functional Requirements

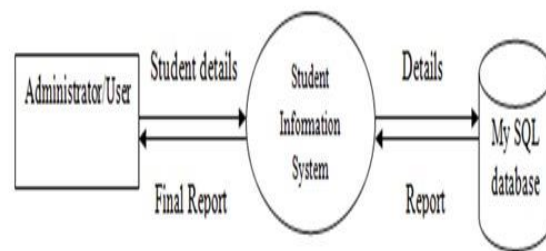
- 1) Performance Requirements

The proposed system that can be develop will be used As the chief performance system for helping the

Organization in managing the whole database of the Student studying in the organization. Therefore, it is Expected that the database would perform functionally All the requirements that are specified. Performance requirement concern the speed of operation Of a system.

Types of Performance requirement:

1. Response requirement:- How quickly the system Reacts to a user input
2. Throughput requirements:- How much the system Can accomplish within a specified amount of time.
3. Availability requirements:- Is the system available for Service when requested by end-users.



Level 0

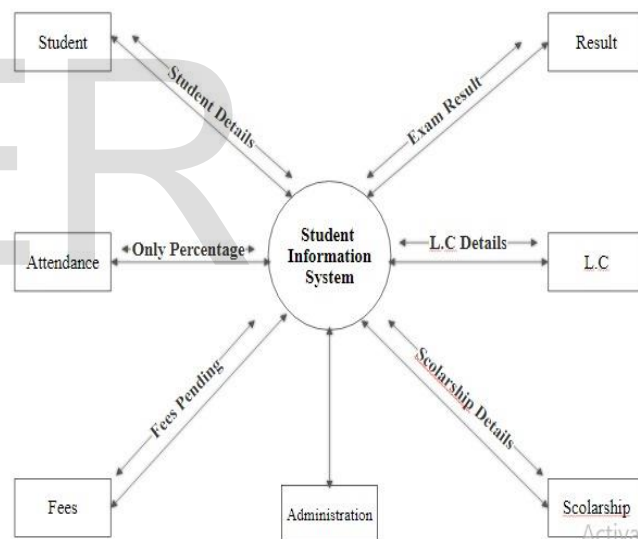
## 2) Security Requirement

There are various categories of people namely admin, student who will be viewing either all or some specific information from the database. Depending upon the category of user the access rights are decided. It means if the user is an proctor then he can be able to modify the data, append etc. All other users only have the rights to retrieve the information about database.

## 3) Safety Requirements

By incorporating a robust and proven MYSQL into the system, reliable performance and integrity of data is ensured

Level 1



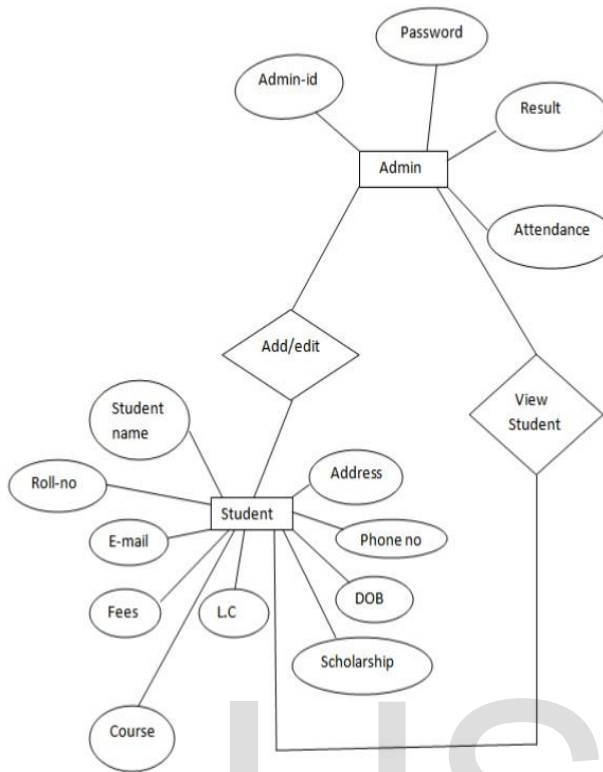
Level 1

## 4 SYSTEM DESIGN

### 4.1 DataFlow Diagram

Level o

## 4.2 E-R Diagram



## 5 CONCLUSION

This paper proposes the web based online system which reduces lots of paper work that permits admin to manipulate and present student data in a meaningful manner in generating a clear view of student records. This system is designed using modern system architecture to cope with changing requirements. This web based system can further be implemented as a mobile app which can be accessed by the parents to keep track of their wards' regularity and academic performance more easily.

## 6 REFERENCE

- 1) Dadapeer "Design and implementation of student information system"
- 2) Ankush Karwa "Design and implementation of student information system"
- 3) Prithvi M "Design and implementation of student information system"
- 4) Megha H M "Design and implementation of student information system"