

A Review Paper on Managing Student Database

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Abstract - Student Portal aim is to provide student information from day of admission till completion of the course. In this portal student can add all of its details like certification, internship, semester marks, extra activities, etc. It will also help the teacher to keep a track of student. At the time of placement, it will create an achievement report, this report will help student to know where they need to improve on their weak areas and on which areas, he/she had performed good.

Key Words: Report generation, Overall Analysis, Assignment, Course Suggestion

1. INTRODUCTION

There are many portals does not support much student interaction in this portal we are focusing on student interaction like student can upload their certificate, internship detail, marksheets and achievement. There are three login Admin, Student and Teacher.

Admin - The role of admin is, it can add and update, teacher and student. Admin can add another admin.

Teacher - The role of teacher is, it can keep the track of all students. It can upload assignments and check assignments. Enter student unit test marks.

Student - Student can add and update their details like marks, courses details, internship details etc. On the basis of student highest marks in a particular subject they will get a suggestion of the courses accordingly. In the Student profile there will be list of assignment they need to do and can submit the assignment.

2. Literature Survey

The project is an online portal [1] between students, parents and faculty. This system allows college faculty to share all the details and notifications with all the students. It consists of 3 login faculty login, parent login and student login. Faculty can upload the syllabus of subject, time table, can share e-notes, notifications, attendance, etc. through their login. Students are able to view/search and download the required documents through their login. The website will provide a way for parent, student and faculty to communicate with each

other in terms of marks, attendance of student, etc. In the student module, student can view their percentage of attendance, time table, can view or download the notes or papers, etc. In parent module, parents can view the percentage of attendance of their children, exam time table, upcoming holidays, etc. There is a chat room where parent can interact with the faculties.

Online college portal [2] aims at providing the smooth interaction between student and faculty. This project consists of forums, uploading and downloading study materials, maintaining term work sheets, etc. It also deals with controlling access mechanism that occurs in an online college portal. In this portal users can interact with each other with the help of the forum. There are 3 users they are admin, student and faculty of the college. The admin has all the control over the portal. The admin will verify and accept the request of the registered student. Once the student request is accepted by the admin then the student will have all the student's access that is required by them. They can view forums, download assignments, notes, etc. Admin will provide username and password to the faculty for first time, it is mandatory to change the password for faculty. Faculties can upload notes, post important notices, placement related notices, etc.

Smart campus [3] is a mobile as well as web application. The main objective is to develop an application that provide a smart way to perform several academic operations with information regarding complaints, placement, notice and important notice regarding all department. The system has 5 login students, teacher, TPO, HOD and principal. Each user has its own privileges in the system. HOD and principal have control over all the operation in the system.

Android Application: The android application is used only by the student. No one else have access to android application. There is various operation that can be performed such as feedback, student corner, etc.

Web Portal: All the users have access to web Portal including the student. The operation will perform on the portal according to privileges and author

3. Problem Statement

In the current system there is less interaction of the student. Student can only upload files and ask the query. Teacher can upload file and reply to the particular query of the student. The current system it's just like a notice board in which a particular notice or assignment are uploaded and submitted accordingly. Teacher cannot track the students' performance nor Student can track their performance. A Student Portal is a web application which is design to overcome the drawback of existing system in which much student interaction is present like student can upload their marks, courses details, internship details etc.

4. Proposed System

4.1 Flowchart

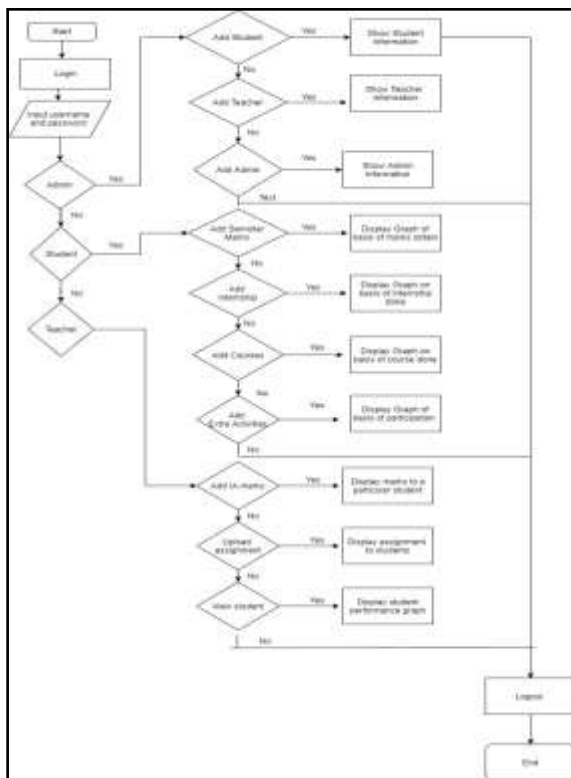


Fig -1: Flowchart

•Step1: - Start

The Student/Teacher/Admin will login the system by the given username and password.

•Step2: - After login in the system each can do the changes in the profile according to the authorization level.

Admin: It has an authority to add, delete and update student and teacher. They can make changes in the

Role of Admin: Admin can add delete and update Teacher and Student

•**Student:** Student can upload the marks, update the details like sport certificate etc. and graph will be generate of student marks Role of Student: When Student login into system the student can enter marks and if student score's good in a particular subject it will create a graph and also a note will pop up that will suggest a course accordingly Student can also enter their internship and certification details. Student can also enter extra circular activities. Student can also track their performance. This all will help the student to know in which area he/she has to improve and accordingly they can work on it.

•**Teacher:** Teacher can provide assignment, pop quiz, upload notes, etc. to the student. Role of Teacher: Teacher can upload quiz link or can upload assignments or can do any other activities from their portal and that all activities will be available on the student's portal. When student will attempt all the activities then it will upload on its portal and that attempted quiz, assignment, etc. will be available on teacher's portal.

•Step3: -

In 4th year a report will be generated about the student achievements and skills which will help in placement activities

•Step 4: - logout

5. Advantages

- Student performance can be maintained from the 1st day till its completion of the course.
- Student will also get a suggestion of the course in which he/she has perform better
- Student performance can be check by the teacher i.e. teacher can keep a track of the students.
- Student can get to know in which subject they need to improve and their interest in a particular subject this will help student for placement activity.

• In this application student interaction is more as compared to teacher an admin

6. CONCLUSION

In the existing system, maximum work goes manually and is error prone system, takes time for any changes in system. The propose system is better than existing system. The present system will help the college to maintain the data of particular student from the day of admission till the completion of his/her course. This system allows more interaction of student then teacher. This system will help the teacher to keep track of all the student. Generation of report will help the student during placement.

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