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Web Portal for College And Student Management System

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ABSTRACT: This project “Web Portal For College And Student Management System” technology has been applied throughout the entire spectrum of industries, revolutionizing the document management process. This is web project allow multiple users to operate the website and manage the data flow in it. The website should evaluate the answers given by the students based on the feedback and result has to be generated to all the students of a particular department. These feedback reports were checked by the admin. He can view overall feedback and view the marks obtained to the lecturers and give this report to the principal and he can give counselling to the college staff. For efficient and quality improvement of an educational institute, feedback plays a key role in it. The Analysis based decision can be done by ensuring the quality and justification of the decision.

KEYWORDS: Student Management ,Admin Login, Student Login, Teacher Login, Feedback model, database.

I. INTRODUCTION

This project on “Web Portal for College and Student Management System” is useful for easy user interface. The system utilizes the powerful database management, data retrieval and data manipulation. This project provides more ease for managing the data than manually maintaining in the documents. The project is useful for saving valuable time and reduces the huge paper work. This project has four kinds of module student, staff, Admin and admin. The student can give feedback to their respective lecturers. This feedback report is checked by their Head of Department. He can view grade obtained by the lecturers and give this report to the principal for further counselling to the college staff. Student Feedback System for college students have been developed which aims to rate and analyse the college faculty’s performance. This type of Student Feedback system reduces, the strenuous work of physically examining the feedback pages of each and every student. The system also reduces the burden of efforts and burden of keeping and maintaining the records on a manual base, it requires a lot of space and safety to keep up such records. This criticism report was checked by the Admin .[2]

II. LITERATURE REVIEW

The system provides guidance to the admin to keep track of each student. The admin have the access to the database of system .In an educational institute management is crucial thing. So in order to reduce the efforts of staff we are introducing our system. The system comes on with much functionality like voting event details, feedback, news line etc. It provides an additional feature newlines that helps the student to get department newlines and reports (achievements, toppers). It also provide the voting feature so that manual work is reduced. This system is paperless system. System provides functionality for student to application where in admin can manage , student can access uploaded notes, course details. Student will get the event details through sms. Overall manpower and reduces the time required. This system is developed using various technologies such as CSS (Cascading Style Sheet), HTML (Hyper Text Markup Language), asp.net which are been used at the Front-end and at the Back-end MySQL is been used which is used to store and access information efficiently. This system has also used Bootstrap which is used to increase the responsiveness [8] - which helps to view the applications on varying screen sizes.

III. PROPOSED METHODOLOGY

The main objective is to develop a project which is an important step towards streamlining this effort is to develop a framework and identify necessary properties that a secure and trusted online department working system must satisfy to reduce discovery redundancy. Such a framework will allow us to evaluate as well as compare the merits of existing and future candidate in department. System should support multi-user environment. System should be fully automated. System should provide concrete security features like admin creating users(students)and assigning privileges to them. System should be capable to keep track of all the detailed descriptions of the activities and the whole details of services offered by the admin. Student Information System is a software where students details are been setup byan accountant and marks are been setup by teacher. Required data is been retrieved by the principal. This system is a hierarchical structure. It contains certain numbersof actors. Each will have their respective actions. Students are to be registereddynamically. For each of the actor to perform their action, they must be logged inwith their respective ids. It is a web application managing student’s generatedcontent. Earlier versions were to store the details of student. Here updating,retrieving actions are also been performed.The proposed system is very user friendly, providing 3 actors. Administrator forregistering a student, teacher for adding and updating marks of a student. Where asa student can retrieve the required data relevant to themself only.

IV. FUNCTIONAL AND NON-FUNCTIONAL REQUIREMENTS

This system aims to improve the efficiency of college information management, and the main function is managing and maintaining information [9]. The administrator and students are two major functional requirements in the system. The Admin will be given more powerthan other users. It will be ensured that the information entered is of the correct format. A Person Should be able to login to the system through the first page of the Application.

The Administrator can create users as per user requirement.Admin can upload the data for a particular Student. On successful completion of upload, user (Student/Parent/Faculty) can view reports.A general user will have access to see the status of particular Student id number.Student (user) can use all the facilities, same as which are provided to him in the college.Student can see attendance, notices, grades, report and other facilities in updated manner.There is a separate page for every student as his account in which he can get notices.The proposed system that we are going to 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 data base would perform functionally all the requirements that are specified. The database may get crashed at any certain time due to virus or operating system failure. Therefore, it is required to take the database backup [10].

V. SIMULTANEOUS RESULTS

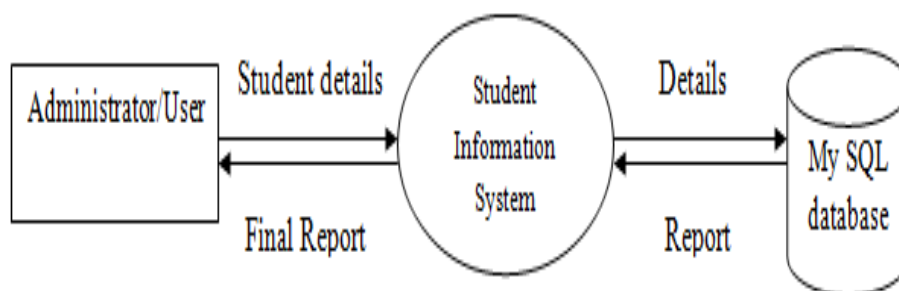


Figure 1: Student Management system DFD1

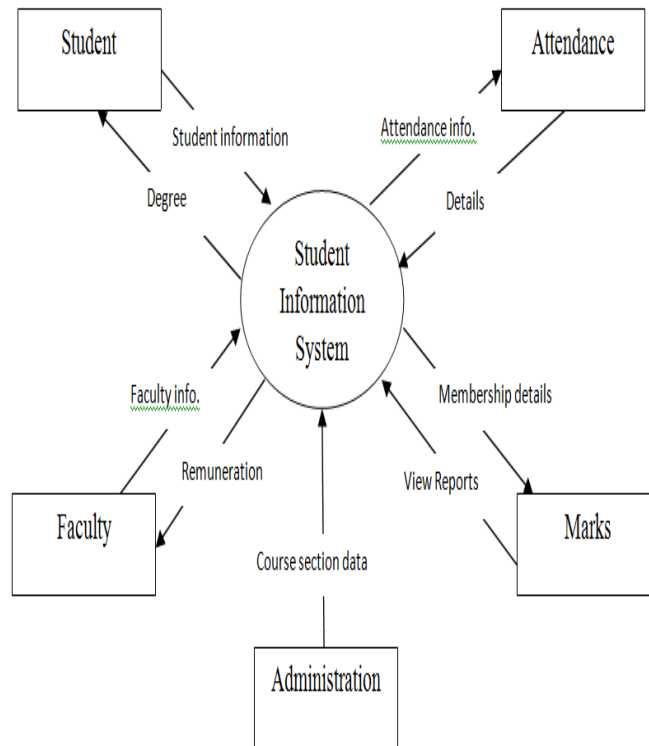


Figure 2 :Student Management system DFD2

VI. FUTURE SCOPE

The future scope of the project circles around maintaining information regarding:

- We can add printer in future.
- We can give more advance software for College Management System including more facilities
- We will host the platform on online servers to make it accessible worldwide
- Integrate multiple load balancers to distribute the loads of the system
- Create the master and slave database structure to reduce the overload of the database queries

Implement the backup mechanism for taking backup of codebase and database on regular basis on different servers. The above mentioned points are the enhancements which can be done to increase the applicability and usage of this project. Here we can maintain the records of College and Student. Also, as it can be seen that now-a-days the players are versatile, i.e. so there is a scope for introducing a method to maintain the College Management System. Enhancements can be done to maintain all the College, Student, Fees, Employee, Faculty. We have left all the options open so that if there is any other future requirement in the system by the user for the enhancement of the system then it is possible to implement them. In the last we would like to thank all the persons involved in the development of the system directly or indirectly.

VII. CONCLUSION AND FUTURE WORK

This portal is used by the admin so there is no data leakage and it can be handled securely. Delivering such a software to the department helps to take place tasks with ease and that's why it reduces time, money, manpower, and efforts. Our project is only a humble venture to satisfy the needs to manage their project work. Several user-friendly codings have also been adopted. This package shall prove to be a powerful package in satisfying all the requirements of the school. The objective of software planning is to provide a framework that enables the manager to make reasonable estimates made within a limited time frame at the beginning of the software project and should be updated regularly as the project progresses.

VIII. OUTPUT OF PROJECT (SCREENSHOTS)

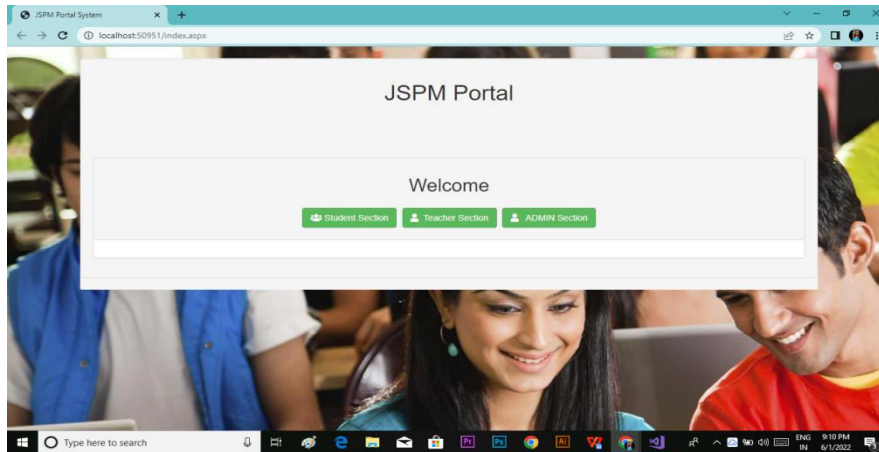


Figure3:First Page- Home Page

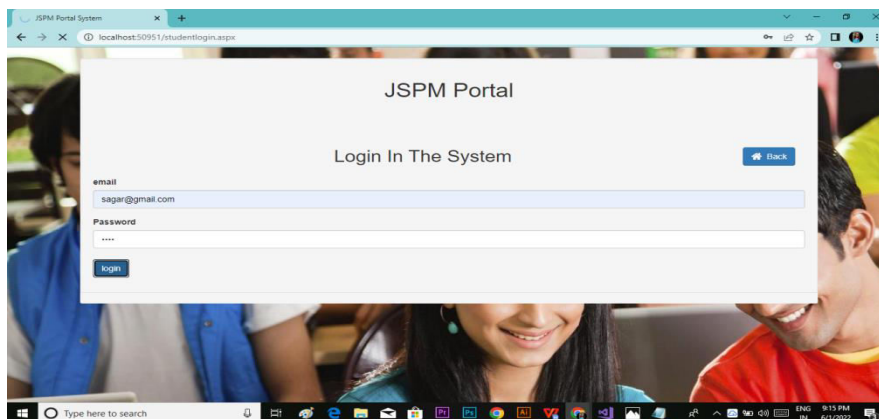


Figure2:Student login page

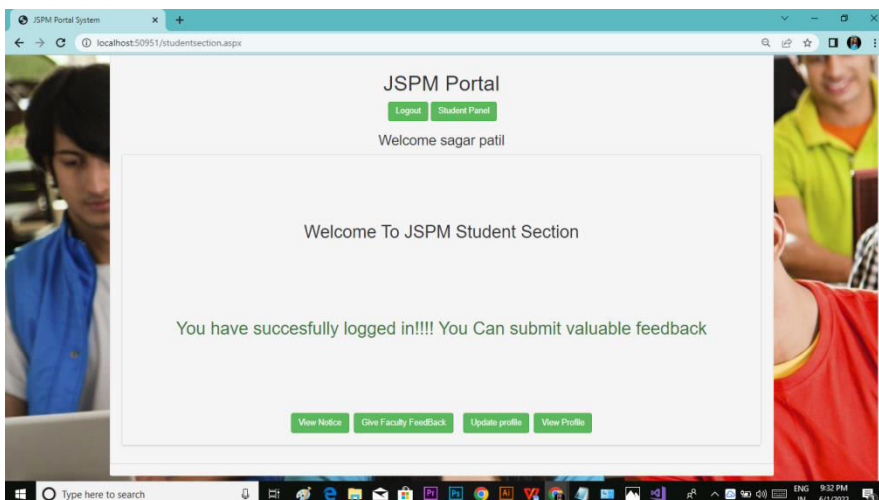


Figure3:Student Section

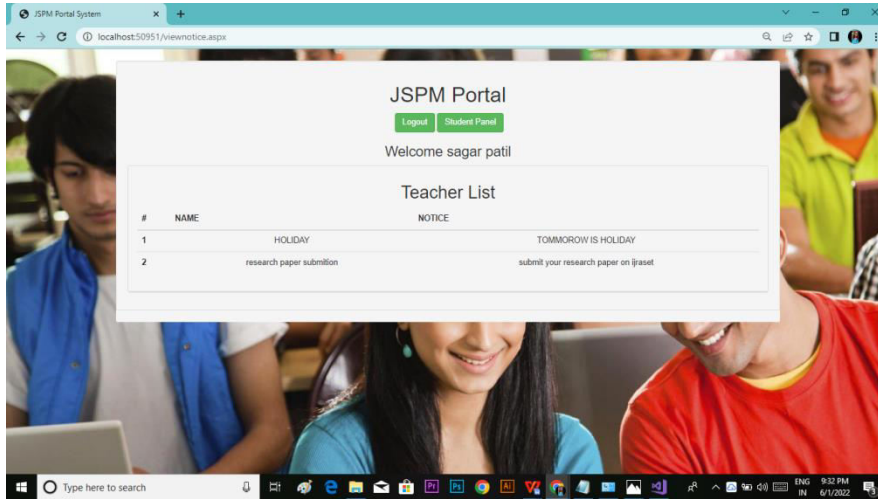


Figure4:Notice Section

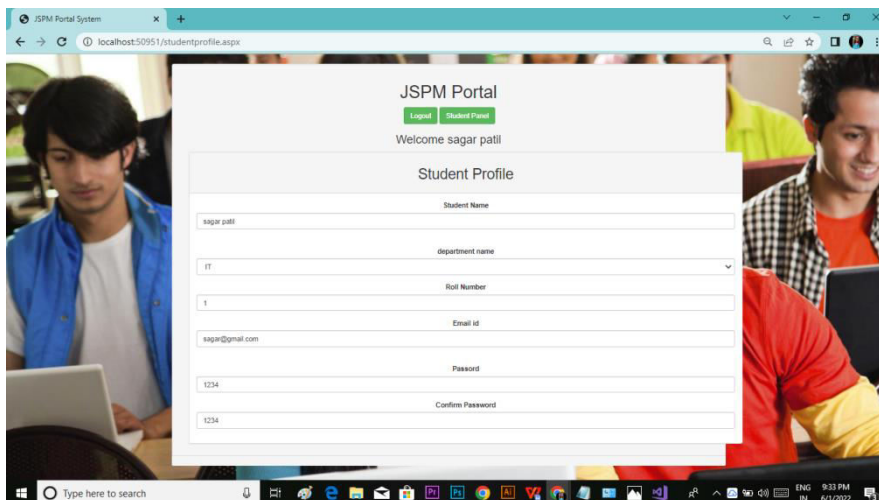


Figure5:Student profile section

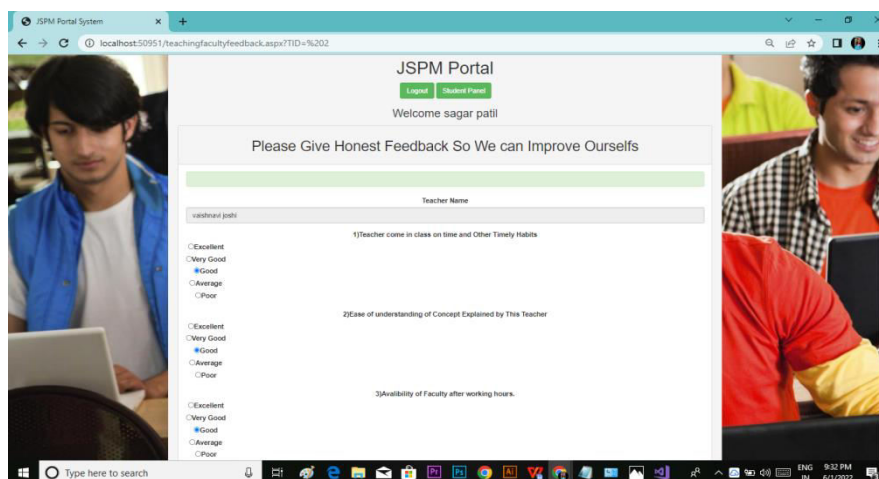


Figure6:Student Feedback

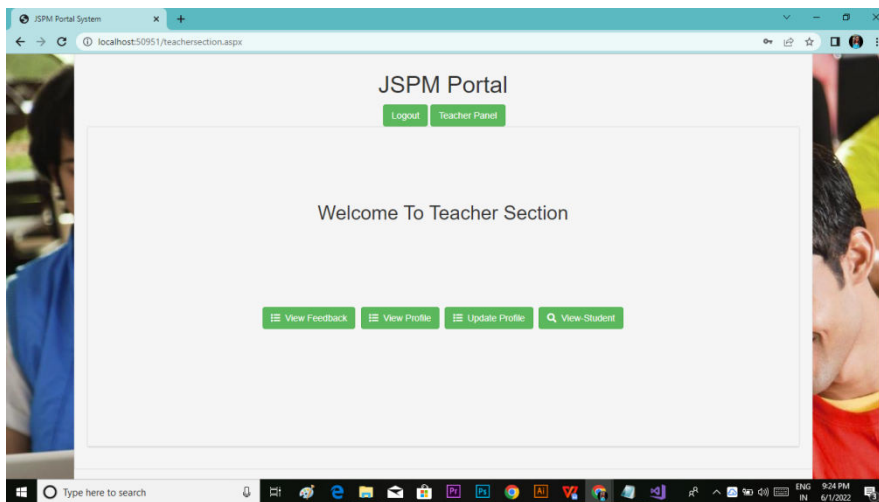


Figure7:Teacher Section

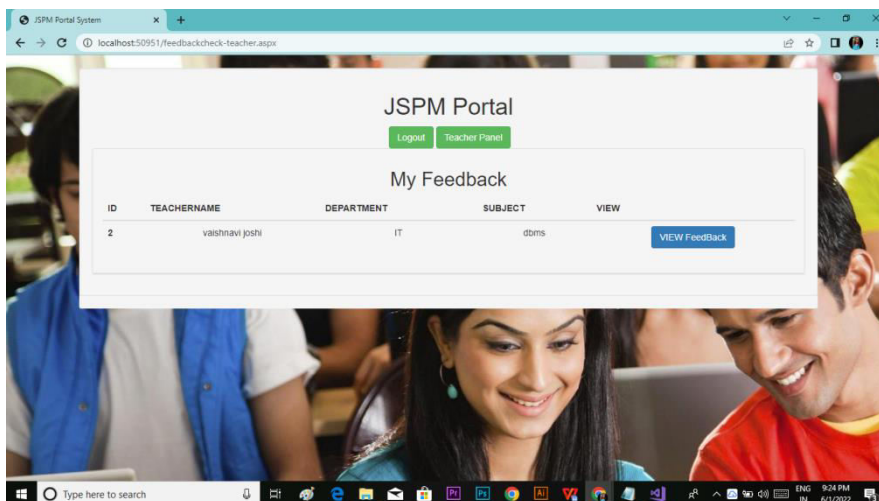


Figure8:Teacher section- View Student’s Feedback

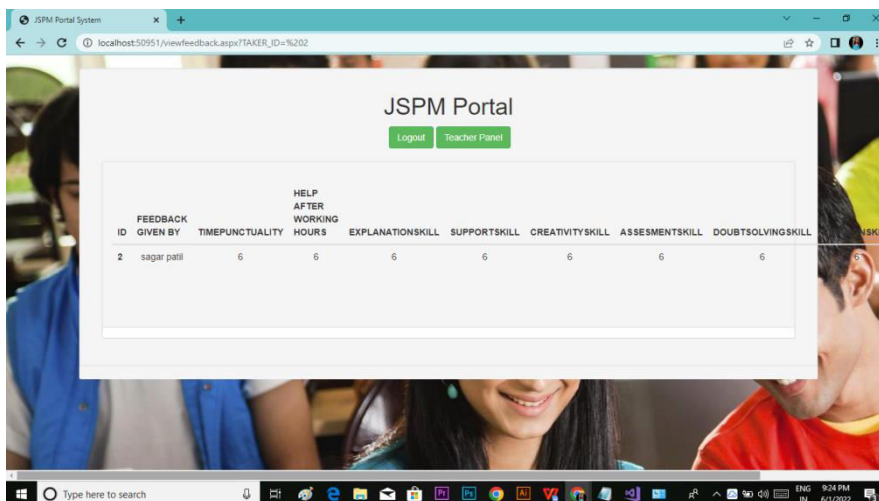


Figure9:Teacher section-Student’s Feedback

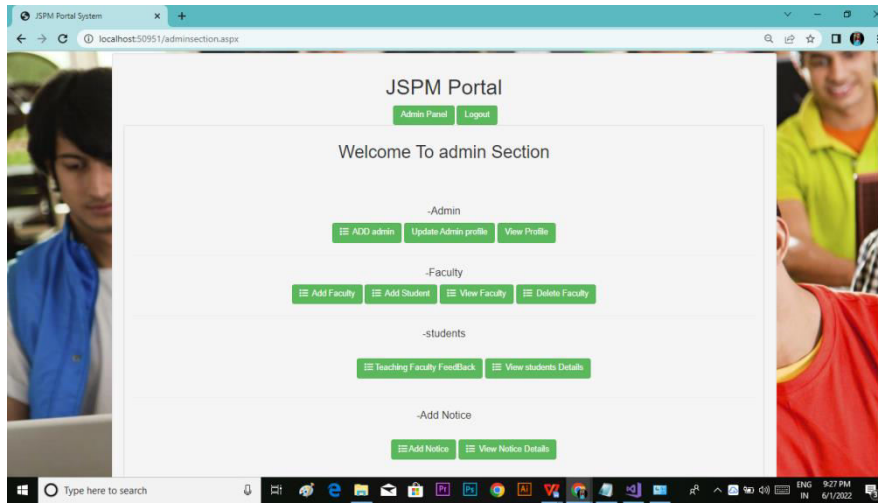


Figure10:Admin SectionTeacher section- View Student's Feedback

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