"College Mitra" A Web Application for Classroom Management System

Jayesh Satpute[1], Sakshi   Gawande[2], Pratiksha Gawande[3], Shrutika Ghate[4], Rupali Sawant[5]

[1,2,3,4,]*Students Department of Computer Engineering, Jagadambha College of Engineering Technology Yavatmal*
[5]*Assistant Professor Department of Computer Engineering, Jagadambha College of Engineering Technology Yavatmal*

Abstract: This paper is aimed at developing an Online Classroom Management System which importance to either an educational institution or a college."College Mirta" is a web application to automate and log on to various day to day activites and to provide instantaneous information required in effective management of any classroom. The web application provides several features to staff and students. This system can be used for monitoring attendence of the Students and conduction of the virtual classes of the students.The Application can provides features such as discussion forum for the students,easy of acces of study material and courses.

Keywords: Classroom Management System,Virtual Classrooms,Administration,Student Information.

1. INTRODUCTION

The application named "Classroom Management System" which is a web based application. This application will be most convenient for students study purpose and they will be benefited most. Because this application have beneficial and helpful feature are exist which will be use the student. In this application there have three panel. Admin, teacher and student panel. By this application students can join their online classroom. They can attend their class lecture from the classroom which has been provided by the teacher. The students can access previous year papers and other assignments. The students can comment of any others post. They can submit their assignment in the classroom. They can see the total student of their classroom. By using this application teacher can post the class materials such as course syllabus and handouts classroom for the students. Teacher can give any declaration of study purpose of the student. Teacher can create class work in the classroom. By using this application admin can add any department, teacher, course and others. An admin can create new user, update, edit, delete of any others content. By using this application admin can check the current state of all the portal, total student and teacher, total department, how many courses are under the department of the department everything can monitor. By using this application admin can access the all of portal. As a result, goal was to simplify the students study easier and let them move forward.

Literature Survey:
In the existing systems all the work is done manually and all the data is stored by using files and registers. The record of every student, courses, teachers are handled manually. If we want to access any student information then all the details can not received in one file only. There

is need to search lots of records and files registers. In current mode of working first all the information is received and then fill up in the registers. If we want to check any student details like update or delete information it is very difficult to search all records also it is very time wasting process. Same case happens to staffs. When any student will pay the funds or fees than it will also stored manually.

Existing System:

Existing system was carried out through manual process. Maintenance of the records in the existing system is difficult. Lot of time is taken to search for a particular record. There is a chance of occurrence of errors. Updating and retrieval of information in this existing system takes more time. Thought it has used a information system, but it is totally a manual one and hence there is a need of upgrade of the system to that of the computer based information system

Disadvantages: The disadvantages of the existing system are:

➢ Manual process
➢ Maintenance of the records is difficult.
➢ Chance of occurrence of errors.
➢ Involves large amount of paper work.
➢ Time consuming process.
➢ Slow Updating and Renewal of Data
➢ Existence of both students and instructor is must.
➢ More burden on the instructor in the case of examination.
➢ Voice may not be clearly available to all students.
➢ Some of the students may not clearly express the doubts in front of the instructor.

Proposed System:

Virtual classroom allows instructors to deliver web based training to geographically dispersed employees, business partners and customers. Virtual class room can be used to hold live class room discussion. Each subject includes a synchronous chat room for student and group discussion. Besides being user friendly, good virtual class room have built in collaboration tools that engage the students in active learning

Some of the features of the proposed system are:

There is no need to presence of both instructor and student at same time

More than one student can clear their doubts at a time.

The classroom management system also have modules like

Students Management : - The student module enables you to accumulate all personal, academic, professional and history data regarding the students.

Features:

Maintain record of all important details about every student. Record can be edited as per requirement.

Change of course & batch can be done simply.

Students record can be filtered based on the course & batch.

Examination Management :- The examination is the admirable module which covers execution, planning, maintenance and monitoring progress. All examinations result like quiz, class test, internal/ external exams etc. will be displayed online.

Features:

Online result of every exam.

Send result of every exam or test to parents mobile automatically.

Get details of every test or exam, student wise, course wise or batch wise.

Manage Attendance :- This module is very much helpful to manage attendance of students ofall courses and batches. Absentee remarks can be managed very efficiently.

Features: Manage attendance course & batch wise. Summarized attendance can be viewed . Overall absentee reports with remarks can be viewed.

Staff :- This module is very much helpful to manage all staff's personal information and information can be updated time to time as per requirement.

Features: Keep all staff's record at one place Very easy to maintain & update staff records.

Future Scope:

Facility for online examination can be added in future.   Students can apply for special courses and online payment facilities   Are also available for them. Group Discussion module will add for Students, so that Student can   Discuss their doubts.Top scorer of that exam will be display of that web site they will be rewarded. Solution of this examination also be available, along with explanation.

2. CONCLUSION

This application will give the flexibility to those students as well who do not have time to attend there college due to their busy schedule of job and some of the people is not able to join college due to their financial issues, so its best web application to get education in virtual platform, as we have seen so many other site who are providing online course but mostly they are providing course which may not in sequence and moreover not authorized from a particular college or university ,here we develop this application for a particular college where the person can get admission as a proper student and can get the certificate too which will be authorize same as college.

3. REFERENCE

[1]   A Research Paper on College Management System, Lalit Mohan Joshi M.tech scholar BTKIT Dwarahat, Almora, Uttarakhand, International Journal of Computer Applications (0975 – 8887) Volume 122 – No.11, July 2015

[2]   Web Application On Coaching Class Management System For Siddhant Education Services. Swati Shinde2 , Shital Mohite3 , Snehal Dalvi © 2018 JETIR November 2018, Volume 5, Issue 11 www.jetir.org (ISSN-2349-5162)

[3]   Web Based Coaching Institute Management System Mayuri Kamble1 , Vidya Bhuvad2 , Omkar Keluskar3 , Vinayak Malavade4 Mayuri Kamble et al, / (IJCSIT) International Journal of Computer Science and Information Technologies, Vol. 6 (2) , 2015, 1341-1344

[4]   Attendance Management System for Educational Sector: Critical Review Zainab Hussein Arif1 , Nabeel Salih Ali2 , Nurul Azma Zakaria3 , Mohammed Nasser Al-Mhiqani4 IJCSMC, Vol. 7, Issue. 8, August 2018, pg.60 – 66

[5]   Chat-Bot For College Management System Using A.I Prof.K.Bala1,Mukesh Kumar2, Sayali Hulawale3, Sahil Pandita4 International Research Journal of Engineering and Technology (IRJET)

[6]   Implementation of a Chatbot System using AI and NLP Tarun Lalwani, Shashank Bhalotia, Ashish Pal, Shreya Bisen, Vasundhara Rathod International Journal of

Innovative Research in Computer Science & Technology (IJIRCST) ISSN: 2347-5552, Volume-6, Issue-3, May 2018 DOI: 10.21276/ijircst.2018.6.3.2