



College Automation System

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Abstract : *In our proposed system we will work on college area network. It will include all the four their criteria, their venue details and many more. Student section will also include learning section, so that students can prepare for their exams departments in the college. It will also help the college administrator. Administrator will able to get all the information regarding any faculty members on particular day and time. Admin panel will also able to edit the login display panel of teachers, staff members, students etc. Admin can schedule classes, their lectures time. Teachers can get information of any students under their particular class. For student section, they can get any particular teacher's notes of particular day and other information regarding their campus, such as placement session details, upcoming companies in particular month.*

I.INTRODUCTION

Our Proposed system is a software that helps both the students and the management authorities of the college. Our Proposed system is capable of storing the details of the students and the teachers and also maintain their details in a dynamic order. This software can help us explore all the activities happening inside the college which we as students do not have any knowledge about. It can handle the details of students, teachers and head of the departments. In this system the HOD can maintain every detail of a particular student in his department. He can also post any notice corresponding to his department. This system provides detailed structure of the departments of the college and the facilities of the college.

College management is becoming a very essential component in education in this modern day age. With the help of College Automation System, we can gather all the useful information needed to the management in few clicks. College Automation System consists of different modules such as student, faculty, admin etc. Our main purpose is to create a software which will manage the working of these different modules.

II. PROPOSED WORK

With the help of this project ensure that student and college administrators to communicate with each other directly. Also help to the faculty, TPO to communicate with Students. With the direct communication students can get good knowledge about college & department of their facilities, Laboratories, Library, college campus so they can easily understand college facilities. Students can get easily results, syllabus, placement related activities. Also TPO information we get from this project. Our main goal is to help the students which are give him to user friendly application.

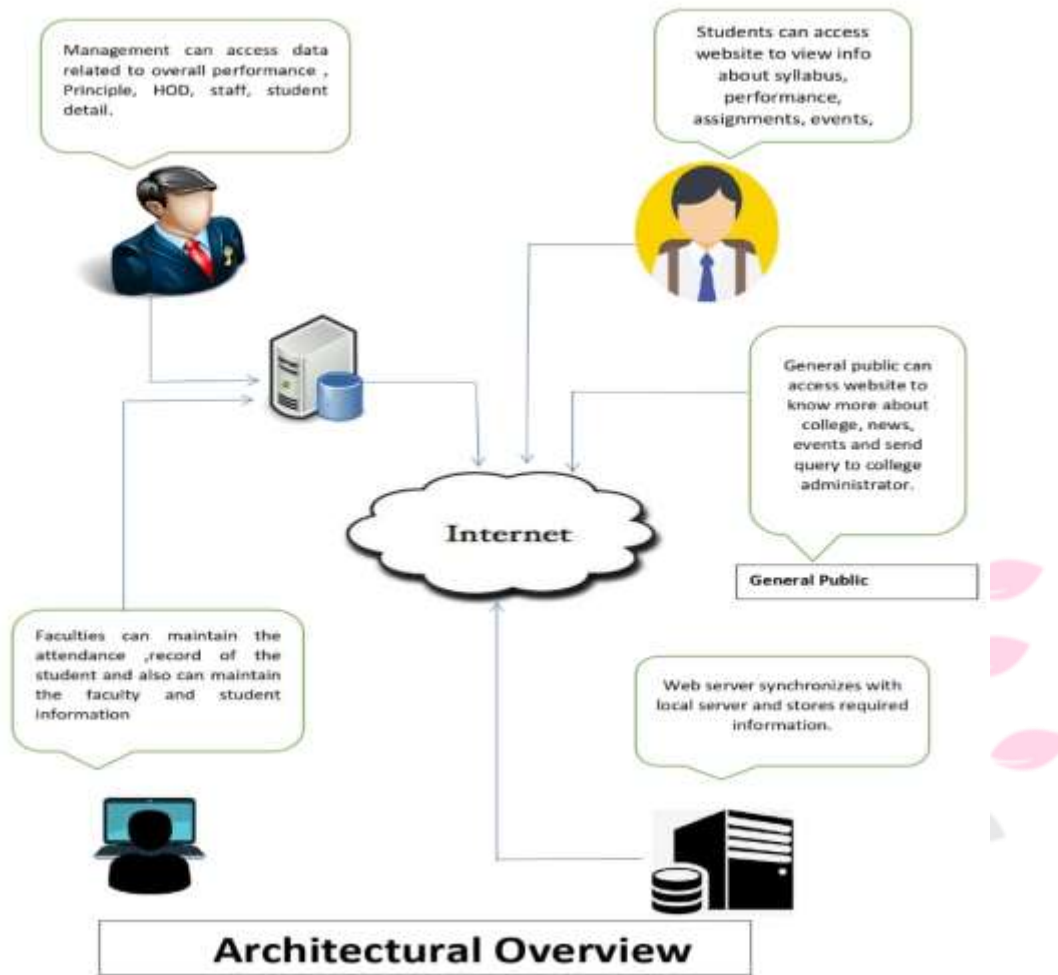


Figure 1 : System Architecture

SYSTEM ARCHITECTURE

System Architecture Shown in Figure 1.

1. Admin Module
2. Faculty Module
3. Student Module
4. TPO Module

III. METHODOLOGY

3.1 Admin:

3.1.1 Home Page: Information of college, department, College Vision-Mission.

3.1.2 Login Page: Login in the account.

3.1.3 Admin Login: Add the notice, Faculty account, Student Account, TPO.

3.1.4 Faculty Register Page: Faculty register the account.

3.1.5 Faculty Detail page: Details of each faculty.

3.1.6 Student Detail page: Details of every student class wise.

3.2 Faculty:

3.2.1 Login Page: Login into the Faculty Account.

3.2.2 Faculty Account: Add attendance, result, notice, Student Information.

3.2.3 Attendance: Take Attendance

3.2.4 Attendance Page: Filling attendance.

3.2.5 Report page: Report of attendance.

3.2.6 Result page: Filling the result.

3.3 Student:

3.3.1 Student Login: Login into Student account.

3.3.2 Notice page: View notice.

3.3.3 View Result: Viewing Result.

3.4 TPO:

3.4.1 TPO login: Login into TPO account.

3.4.2 Notice Page: Add the Notice.

IV. FUTURE SCOPE

We can implement the a language option through which anyone can communicate with in their comfortable language then English. English he/she can choose another language. Students, faculty, administrator will also use this technology. We have implement the chat option guest login the system making system more user friendly. By the help of these portal people, student and faculty get the information about the college, student, facilities, training and placement related notice, results easily. So the guest user can understand college campus, facilities, nature of college.

V. LITERATURE SURVAY

1. Swati Mishra, Utpal Naskar , Arkanil Dutta, Sanchita Sahu, Sourajit Chatterjee, Sumana Mazumdar

Abstract:

College Automation System Project will work on college area network. It will include all the four departments in the college. It will have admission system for, class attendance, online notes and notice board , placement systems so that their students can get all the information by using their valid registration id and password. Let us see how this College Automation System Project will work. College Automation System Project will also help the college administrator. Administrator will able to get all the information regarding any faculty members on particular day and time.

2. R.S. Pressman, Software Engineering: A Practitioner's approach, McGraw-Hill.

Abstract:

This section introduces Unity College website project. It also contains definitions, acronyms and abbreviations used throughout the document. It will allow college to address potential students by showcasing their course and facilities and its current students and faculty by providing access to the various facilities provided by the college in an easy and interactive manner as well as it will help people in college and outside of it to know about news and events happening in college.

3. R.Suganya, S. Rajaram, A.SHEKH ABDULLA

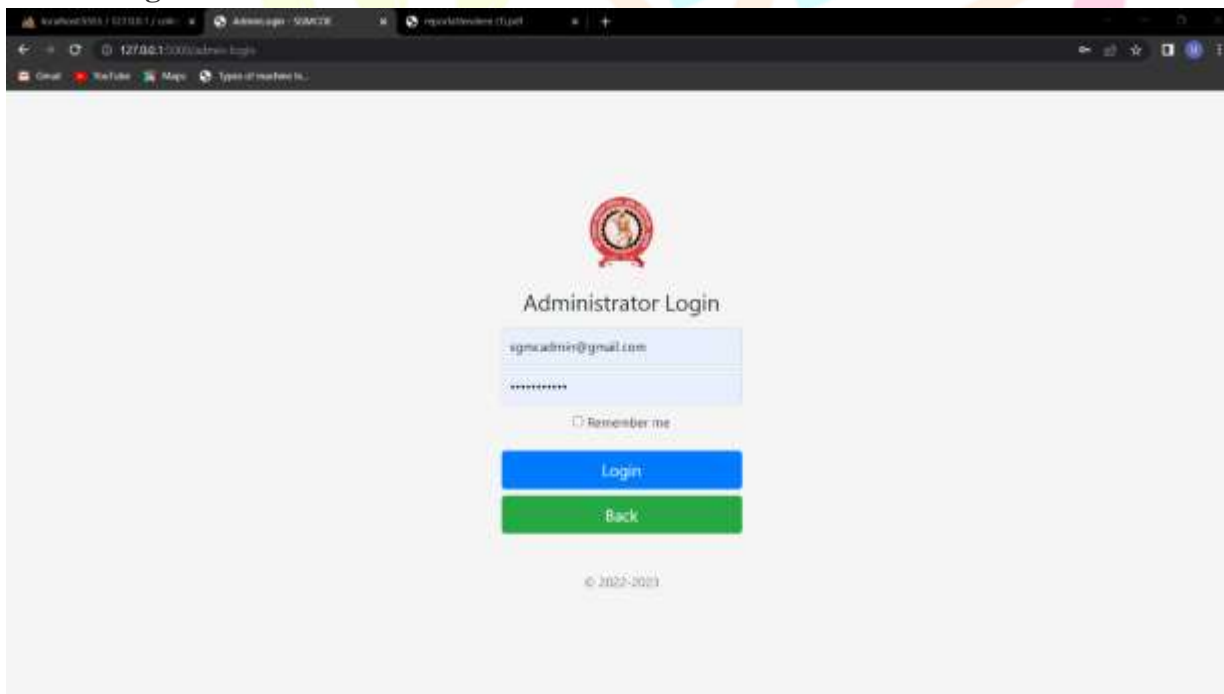
Abstract:

This paper is aimed at developing College Automation System which will manage the working of college management activity using single platform. This system has easy interface and powerful data management. We have used bootstrap which increases the responsiveness of the system.

VI. RESULT

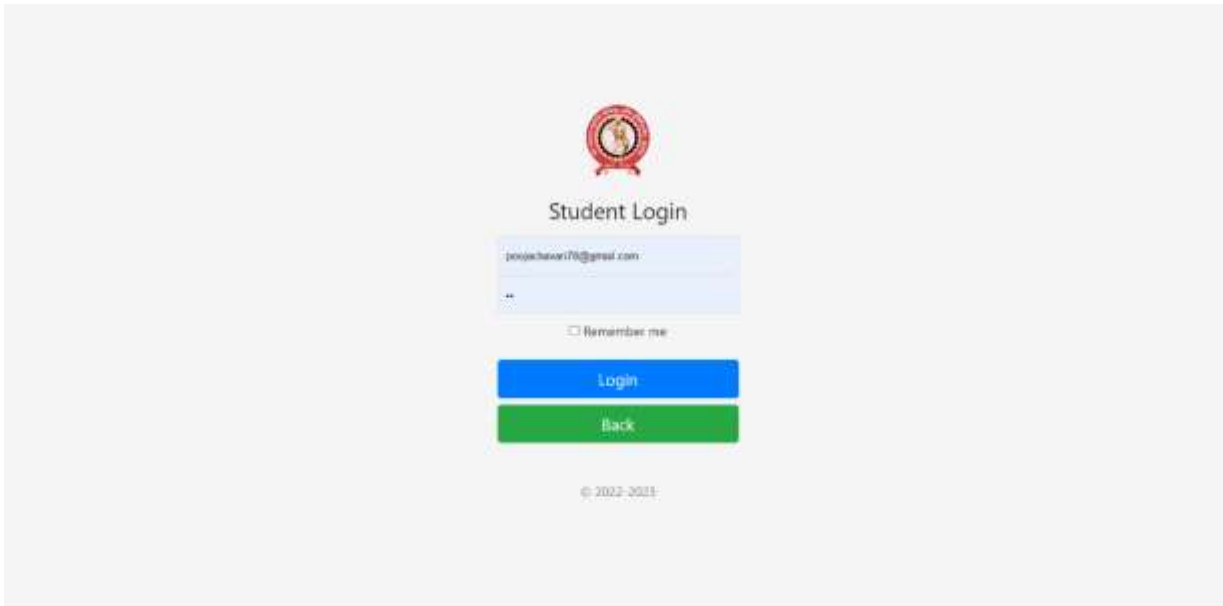
We have implement the admin login, faculty login, student login and TPO login as additional features to the system making user friendly. By the help of this application people will help to get information about college. Student can see the attendance, result easily. Student get information about training and placement. It helps to the administrator and faculty to maintain student information , faculty information.

1. Admin Login:



Research Through Innovation

2. Student Login:



Student Login

poojeshwari70@gmail.com

Remember me

Login

Back

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3. Home page:



4. Student Attendance Result:

14	Donee Shradha Chiraji	100%
15	Hodage Neha Vishwanath	100%
16	Desai Saurabh Ganpatrao	100%
17	Kumbhar Shubham Ashok	0%
18	Mulla Amir Hanif	100%
19	Nadaf Rubiya Iqbal	100%
20	Shinde Samrudh Suresh	100%
48	utkarsha balasahero patil	100%

Default list		
Roll no.	Name	percentage
2	Kapane Anuja Manhar	0%
17	Kumbhar Shubham Ashok	0%

Total Default Count : 2

5. Student Unit Test Result

Ut Result						
#	Big Data Analytics	Deep Learning	Project Management	Mobile Application Development	Cloud Computing	Software Testing And Quality Assurance
UT-1	26	33	42	29	32	
UT-2	38	38	43	38	37	41
UT-3	0	0	29			

VII. CONCLUSION

It is a integrated college automation system that provide the many feature to the existing system which makes the overall college related activities easy to perform. It provides the alternative way to the existing manual system which is easy to handle.

VIII. REFERANCE

1. Swati Mishra, Utpal Naskar, Arkanil Dutta, Sanchita Sahu, Sourajit Chatterjee, Sumana Mazumdar
2. R.S. Pressman, Software Engineering: A Practitioner's approach, McGraw-Hill
3. COLLEGE ERP SYSTEM", International Journal for Research in Engineering Application & Management (IJREAM) Vol-01, Issue 02, May 2015.[6]