

## Conneqtion-Website

Ameya Mangaonkar<sup>1</sup>, Stuti Mishra<sup>2</sup>, Amandeep Singh Banga<sup>3</sup>, Vinita Bhandiwad<sup>4</sup>

<sup>1</sup>(Final year IT/ Vidyalankar Institute of Technology, Mumbai, India)

<sup>2</sup>(Final year IT, IT/ Vidyalankar Institute of Technology, Mumbai, India)

<sup>3</sup>(Final year IT, IT/ Vidyalankar Institute of Technology, Mumbai, India)

<sup>4</sup>(Assistant Professor, IT/ Vidyalankar Institute of Technology, Mumbai, India)

\*\*\*

**Abstract** - The main objective is to develop a website that provides a smart and easy way for the execution of several academic operations to provide students with information regarding complaints, any placement activities, general notices, and important notices regarding all departments. The application has two types of users: Student and Teachers. Each type of user will have own application view respective to their type. They will have privileges according to their designation or their types and have the rights to post things on application so that other users can view that if they are supposed to or have permission to view it. We also provide multiple features so that they can have all the academic things and information at one location. CONNEQTION provides the students of college to form a social networking platform among themselves, enabling them to connect with their seniors, juniors and faculties for sharing information and resources. It provides user with features to follow other students of the college as well as faculties, communicate with other students and faculties via the messaging portal and post their accomplishments.

**Key Words:** Website, social-networking platform, Personal portal

### 1. INTRODUCTION

In today's world, it is extremely essential for communication link to exist between the faculties, juniors and seniors so they all can work in unison to improve each other. At times, it becomes very difficult for the juniors to directly communicate with the seniors regarding academics, projects and the functionality of the college. Also, if the faculty wants to undertake a certain type of project, then even he/she can filter out the students matching his criteria. The faculties can post about the various internships and courses beneficial for the students. This feature will definitely help the students by boosting their profile and knowledge. In the modern world of technology, the use of Internet and World Wide Web revolutionized the provision of information and the facility for the user to take action on the information obtained. And also computers and mobile devices are affecting our lives in more ways than we probably are aware of computerized management, maintaining information of an educational institutes, colleges, other the list is endless. If management wants necessary information he checks the information about a student, staff, workers, etc. It is difficult to prepare the manual work to store the information about all students, teachers etc.

### 1.1 Cloud-Based College Management Information System for Autonomous Institute

[1] This system helps store college-related information using computerized system in cloud Environment. The system (CMS) is Cloud based application that can be accessed throughout the institution or a specified department to maintain and facilitate easy access to information. For this the users need to be registered with the system after which they can access or modify data as per the permissions given to them. CMS is a Cloud based application that aims at providing information to all levels of management with in an organization. This system can be used as a knowledge/information management system for the college. For a given student/staff (technical/Non-technical) can access the system to either upload or download some information from the database. Reviewing this paper we understood how we can give various privileges to students and making the website accessible from anywhere.

### 1.2 College Management System

[2] This paper is aimed at developing an Online Intranet College Management System (CMS) that is of importance to either an educational institution or a college. The system (CMS) is an Intranet based application that can be accessed throughout the institution or a specified department. This system may be used for monitoring attendance for the college. Students as well as staff logging in may also access or can be search any of the information regarding college. Attendance of the staff and students as well as marks of the students will be updated by staff. This system (C. M. S) is being developed for an engineering college to maintain and facilitate easy access to information. For this the users must be registered with the system after which they can access as well as modify data as per the permissions given to them. CMS is an intranet-based application that aims at providing information to all levels of management with in an organization. This system can be used as a knowledge/information management system for the college. For a given student/staff (technical/Non-technical) can access the system to either upload or download some information from the database. Reading this paper we realized, this was very similar to the website our college already has and understood the complexities of writing a post on a website.

### 1.3 Mobile Based Campus Information Retrieval Android Application

[3] It is developed to provide students with information regarding library books availability, any placement activities, general notices, and important notices regarding all departments. This Mobile Campus application includes functionality such as locating current location of users, showing college campus map, route direction of college and gives small description & contact information of important places like hospital and ambulance near campus of emergency purpose. This information should be provided to students in a cost-efficient mode. So, to accomplish the same, we have developed this application, where students can admittance this information by means of their Android mobile phone. The approach of communication is Android. Students need not line up near notice board / log on to college website for any of the above-mentioned details. This paper broadened our minds to the future scope of our project and how it could be developed further.

### 2. PROPOSED SYSTEM AND IMPLEMENTATION

CONNEQTION provides the students of college to form a social networking platform among themselves, enabling them to connect with their seniors, juniors and faculties for sharing information and resources. It provides user with features to follow the students and faculties, send message to others, post what they like and ask for some queries on which like and comment feature is available. So, focusing on those aspects, we have designed a system which will allow the users to:

- Register/ Log into their respective account.
- Access their own feed which includes browsing through the accomplishments which their friends have posted.
- View profiles of other students within the college as well as faculties of their respective department.
- Post, Like or Comment on the posts of their friends.
- Get to know about the profiles of other students.
- Enhance your own profile by updating your academic achievements so that you become shortlisted by various faculties for internships or projects.

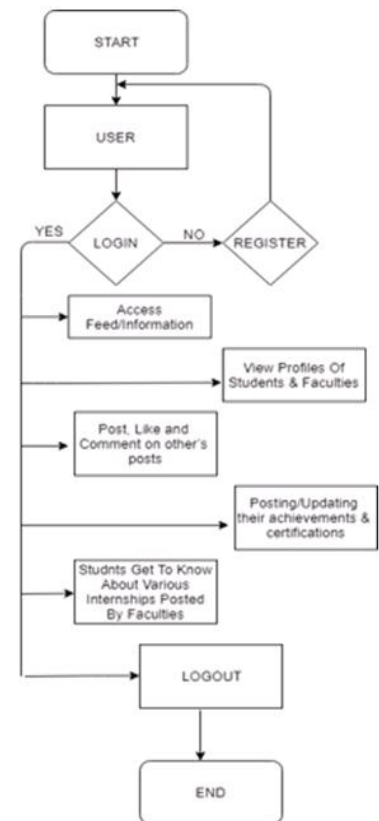


Figure 1: Flowchart

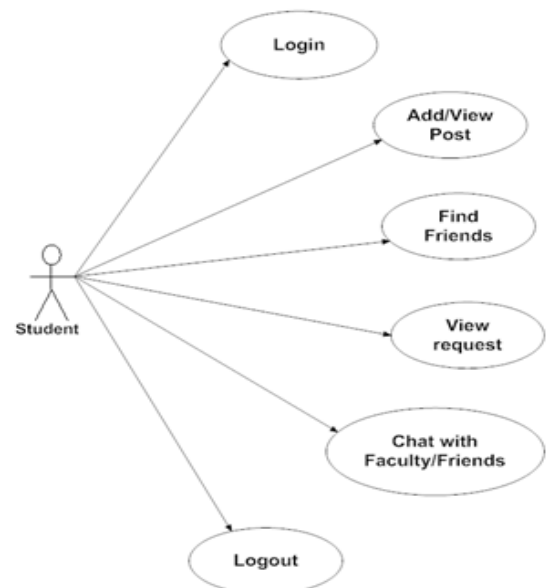


Figure 2: Student's actions



Figure 3: Faculty's actions

### 3. Scope

- Whenever a user fills the form for sign up data is stored in the user's table.
- When user logins, login token stores the token and sets a cookie for the logged-in user.
- The logout page destroys the cookie and deletes the login token
- When a user forgets his/her password, he/she may retrieve it from the registered email, for which a password token is generated which helps in matching the link sent to mail with the token stored in the database
- User may post whatever content he/she may like
- Timeline displays posts of other users who logged in users have followed.
- The profile page displays the achievements of the user and posts of logged-in users. User has permission to edit them & generate new posts
- Likes table stores the post\_id along with the unique user\_id (stored in users table) who liked it.
- Followers table stores the follower's id like a key-value pair.
- A user is verified if the admin follows the user
- Comments store the comments for each post.
- Add\_info stores additional information about the user
- Messages store the messages which are personal within the network.
- The Admin table stores the username and password for the admin.

### 4. Conclusion

We believe that by designing such a system it will definitely help users bridge the communication gap between the students and the faculties. The students will be able to boost the profiles by taking up internships under the guidance of knowledgeable faculties. This will in turn act as a catalyst which will further boost their careers. . It will be very beneficial for the students as they will be equipped with all the skills needed for the corporate world. It will be much easier for the faculties to select students from the entire college on the basis of their skills and domain which is need for projects and research work. The proposed system will maintain the particular security and also provides features that were not available in the existing system. The proposed system provides a way to maintain records. It provides an easy way for interaction between students and all college faculties. The student will improve their interaction skills by using our proposed system. The proposed system will also help the college to manage its records and save natural resources and time compared to the existing system.

### ACKNOWLEDGMENT

We are pleased to present CONNEQTION, our project and take this opportunity to express our profound gratitude to all those people who helped us in this project. We sincerely wish to thank our principal Dr. S.A.Patekar for motivating us to do this project. We express our gratitude to our Head of Department Dr. Deepali Vora and our project guide Prof. Vinita Bhandiwad for her valuable suggestions and inspiring guidance. Her suggestions have helped us in many different ways to complete our project. Her leadership qualities motivated us and help her in-depth knowledge of her field of interest was an addition in getting us prepared to work on our project. She was always present to clear our doubts whenever we faced many hurdles in the project. She has tremendous patience and always helps us by giving new ideas and clearing our concepts at the same time.

### REFERENCES

- [1] Rajesh Shah, Makhan Kumbhkar (2015), "Cloud-Based College Management Information System for Autonomous Institute", Volume 5, Issue 5, May 2015 ISSN: 2277 128X.
- [2] Lalit Mohan Joshi (2015), "A Research Paper on College Management System. International Journal of Computer Applications", (0975 – 8887) Volume 122 – No.11, July 2015
- [3] Shilpa Bilawane, Pranali Jambhulkar (2015), "Information System Based On College Campus" International Journal Of Engineering And Computer Science ISSN:2319-7242 Volume 4 Issue 3 March 2015, Page No. 10852-10855