



## Alumni Connect Hub: A Comprehensive Alumni Management System

Parth P. Sawai<sup>1</sup>, Prajyot V. Chambhare<sup>2</sup>, Aditya N. Jaysingpure<sup>3</sup>, Atharav G. Karhe<sup>4</sup>, Disha Rathod<sup>5</sup>,  
Dr V S Gulhane<sup>6</sup>

<sup>1,2,3,4,5</sup>Undergraduate Student, Sipna College of Engineering and Technology, Amravati, India

<sup>6</sup>Professor, Sipna College of Engineering and Technology, Amravati, India

**Abstract:** This research paper presents the development and implementation of the "Alumni Connect Hub," a web-based alumni management system for [Sipna College of Engineering and Technology Amravati]. Designed to facilitate seamless interaction and information exchange among alumni, students, and staff, the system aims to cultivate a strong and engaged alumni community within the institution. The paper delves into the system's design, development, objectives, scope, functionalities, and technical architecture, and highlights its potential benefits for fostering improved alumni relations and community engagement within the college. Additionally, it discusses the broader applicability of the Alumni Connect Hub as a web-based alumni management system for educational institutions, emphasizing its role in addressing the common challenge of maintaining strong connections between alumni and their alma mater, thereby contributing to the development of robust alumni communities across diverse educational settings.

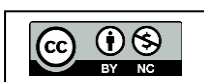
**Keywords:** Alumni Management, Alumni Engagement, Student Connection, Web-Based Application, Data, etc.

### I. INTRODUCTION

Welcome to the Sipna College of Engineering and Technology in Amravati's revolutionary web-based platform, Alumni Connect Hub. It is more than just a storehouse; rather, it is a dynamic link that connects the goals and experiences of graduates. Beyond just storing data, this virtual space helps create connections that give students priceless experiences, enable alumni to rediscover their alma mater, and support the institution's growth through a reinvigorated community. In this study, we examine the Hub's architecture, evaluate its effects, and show how it might transform alumni relations from a problem into a strategic advantage. Come along on this voyage over the bridge to see how the Alumni Connect Hub can lead to similar changes in a variety of educational settings while also shining a light on a brighter future for Sipna College of Engineering and Technology in Amravati.

### II. LITERATURE REVIEW

Smith et al. (2018) investigated the role of student management in universities and emphasized the importance of effective communication and collaboration strategies. He emphasized the importance of connecting current students with alumni for education and career guidance. [8] He emphasized the





importance of these platforms in bridging the gap between students and current students, encouraging knowledge sharing and collaboration.

The project aims to create a repository and all diaries for students in the school, which is very important for the school. Anyone can use the search engine to learn more about students at a university. This system can be used to keep track of old data. The purpose of this project is to create a Writing Centre and All Engines for college students, which is very important for the university. The Alumni Database is a web database that can be viewed from anywhere in the world.

### III. EXISTING SYSTEM

This information is difficult for students to navigate. Create a system that can manage and easily access the school's graduate records. Eliminate the need for manual labour. The aim is to create a user-friendly interface. Data collection is fast and more data can be stored. Let students from new and old schools or colleges interact. This allows students to get to know each other and their current projects. Institutions often struggle to maintain effective communication and engagement with their alumni, leading to fragmented alumni networks and missed opportunities for collaboration and support. Current methods of alumni management rely heavily on manual processes and lack centralized platforms for efficient organization and interaction. This inefficiency hampers the institution's ability to leverage the expertise, resources, and networks of its alumni community effectively.

Furthermore, existing alumni management systems often suffer from usability issues, security concerns, and limited scalability, hindering their adoption and effectiveness. There is a need for a comprehensive and user-friendly platform that facilitates seamless communication, data management, and collaboration among alumni, students, and the institution.

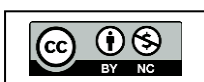
### IV. PROPOSED METHOD

- **Global Accessibility:** Develop a web-based application with worldwide accessibility to cater to a diverse audience.
- **Student and Alumni Management:** Efficiently manage student and alumni profiles, ensuring seamless organization of current student data and alumni information.
- **Enhanced Processing and Accessibility:** Improve the processing mechanism for streamlined operations within the system. Enhance accessibility features to ensure a user-friendly experience for both administrators and users.
- **Knowledge Transfer:** Enable alumni to share valuable insights and expertise with current students through note-sharing and discussion forums, bridging the gap between generations.

### V. MODELLING

#### Current Framework

Each user creates countless Excel sheets that are included in the current system. An alumni association may compile these forms and distribute them to all the alumni, albeit this may not happen frequently. E-mail IDs can be readily exchanged and result in an overwhelming volume of spam emails.





### The Suggested Setup

The suggested system will be available online for alumni to access from any location. It will make communication simple and rapid. It will be the individual user's responsibility to update their data. Additionally, any user will be able to choose to protect their privacy.

### Modules:

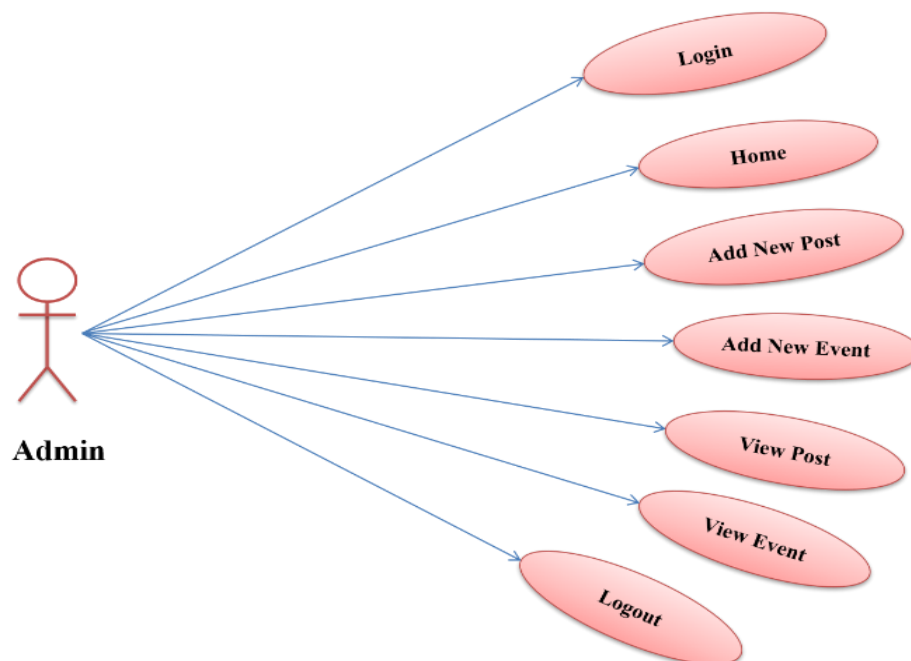
There are some modules used in the system which are as follows,

#### 1. Admin

By using the appropriate user ID and password Staff log in to the Staff Panel & the following options are Visible

**The admin panel has the following contents.**

- Home
- Alumni Registration
- Alumni Verification
- Upload Notification
- View Notification
- Change Password
- Logout



**Figure 1:** Staff Architecture

- **Home:** It will be the home page of the Staff login panel
- **Alumni Registration:** Based on all the information of the student, the staff will register the alumni student.



- **Alumni Verification:** After alumni register staff will verify alumni.
- **Upload Notification:** Staff can upload notifications.
- **View Notification:** Staff can view uploaded notifications.
- **Change password:** Staff can able to change his/her Password to make their credentials more secure.
- **Logout:** After using the system staff can Logout.

## 2. Alumni

To take the services of the “Alumni Meet portal” Staff should register alumni. By using the appropriate user ID and password alumni log in to the alumni panel and the alumni panel will display. alumni panel contain the following contents:

- Home
- Upload Document
- View Notification
- Upload Notification
- Logout

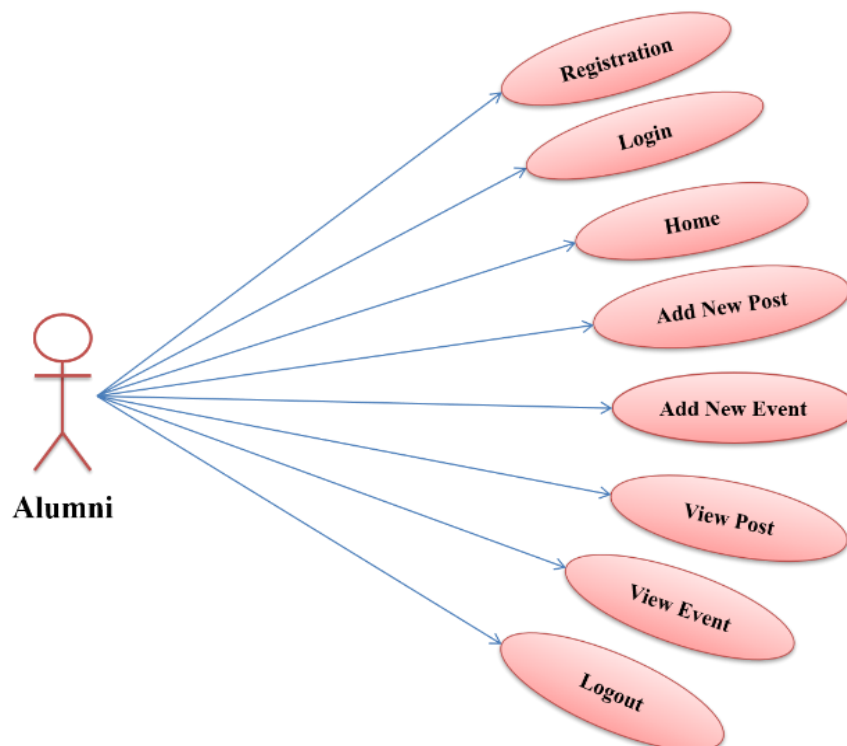


Figure 2: Alumni Architecture

- **Home:** It will be the home page of the Staff login panel
- **Upload:** After login alumni can upload their documents
- **View Notification:** Alumni can view notifications uploaded by staff.

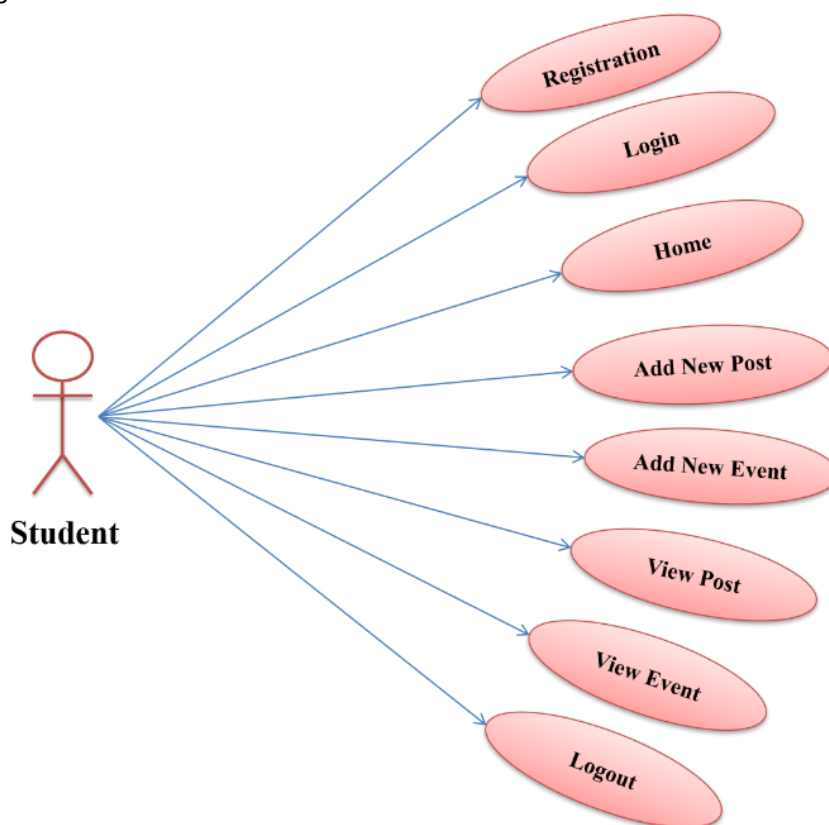


- **Upload Notification:** Alumni can upload their notification
- **Logout:** After using the system alumni can Logout.

### 3. Student

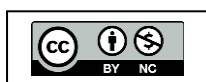
To take the services of the “Alumni Meet portal” students should register first. Then system shows the registration form with the following student details Name, City, Email, Mobile, Username, password, branch year and profile photo. After Submitting all these data saved in the database and the student registered successfully.

- Login
- Home
- View Notification
- Logout



**Figure 3:** Student Architecture

- **Login:** The student who is already registered with the system can have the authority to further handle the system and perform various tasks.
- **Home:** It will be the home page of the student login panel
- **View Notification:** Alumni can view notification.
- **Logout:** After using the system student can Logout.





### 4. Architecture

The Alumni Meet Portal is an essential tool for educational institutions to connect with their former students and maintain a strong alumni network. This proposed system will help create a robust and engaging alumni portal that fosters stronger connections between alumni, students, and the educational institution. It should be customizable to meet the specific needs of the institution and its alumni community

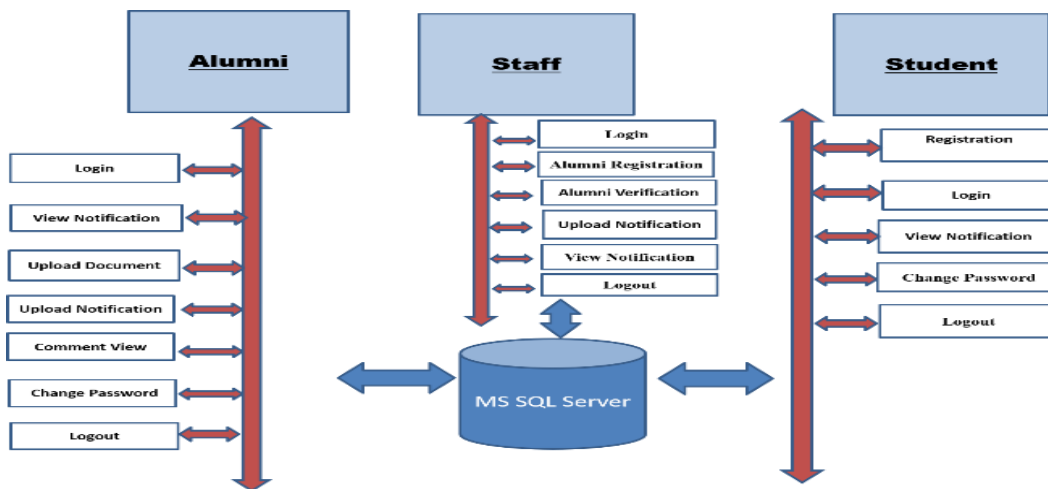
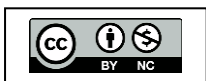
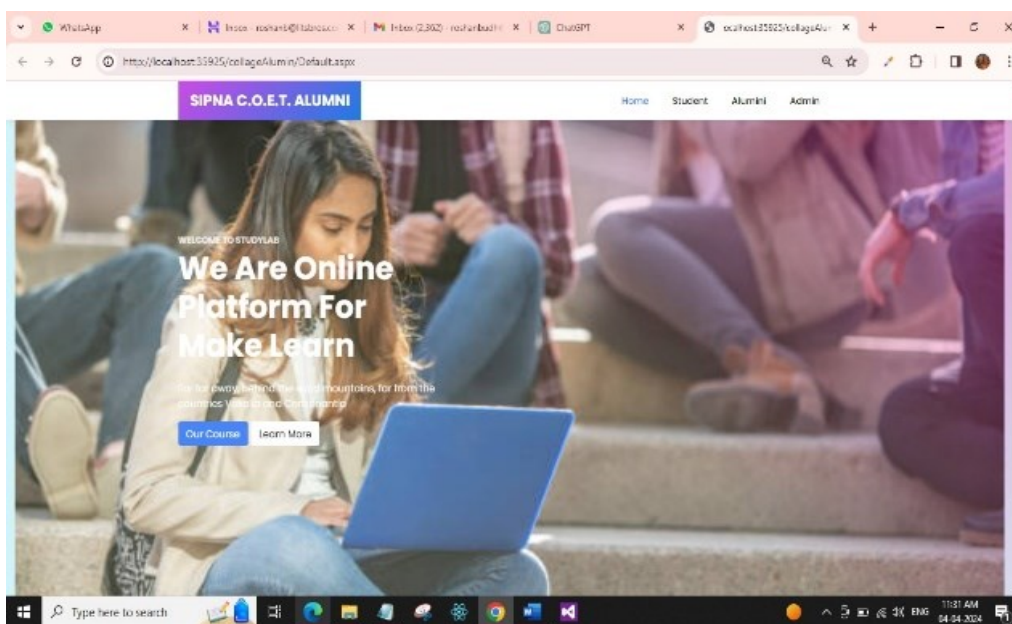


Figure 4: Architecture

## VI. IMPLEMENTATION

### 1. Home Page:





www.ijirid.in

# IJIRID

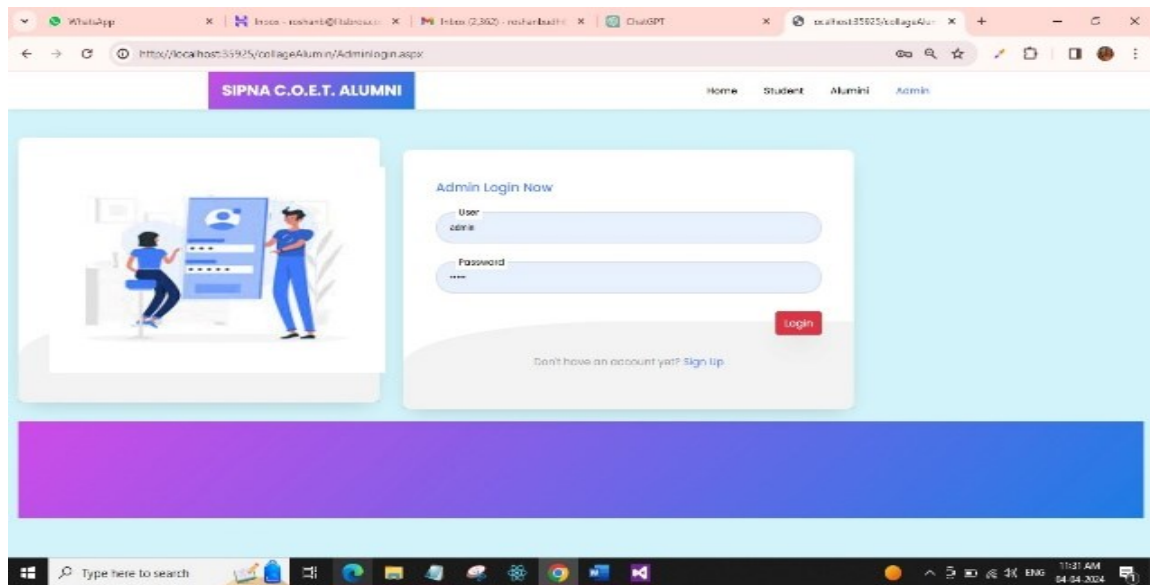
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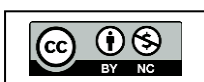
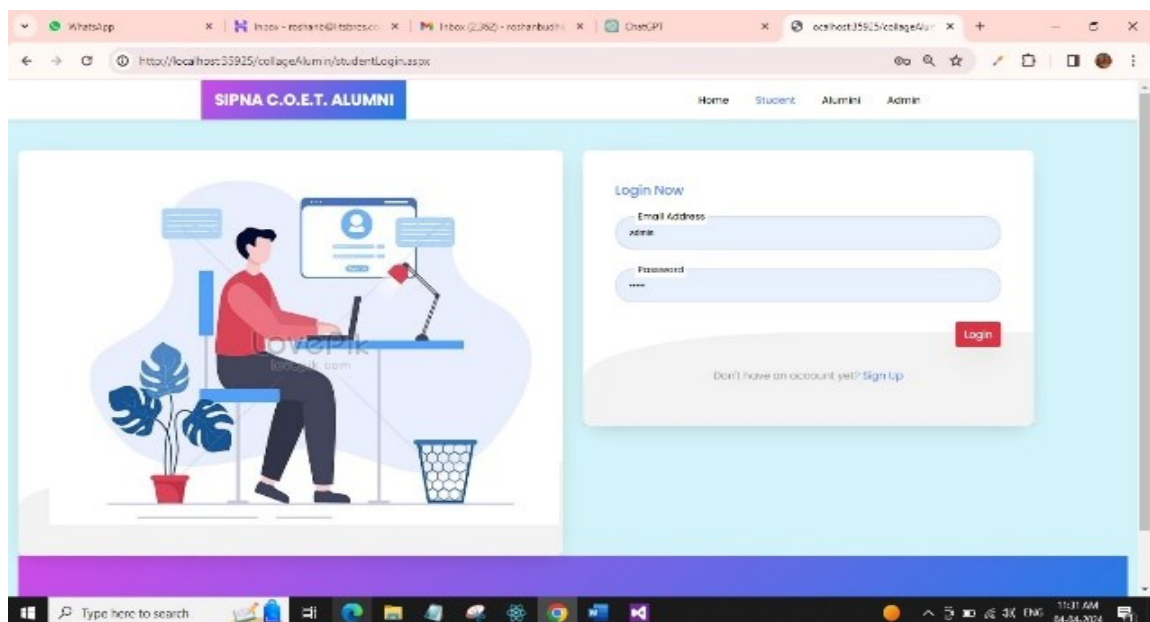
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### 2. Admin Login:



### 3. Student Login:





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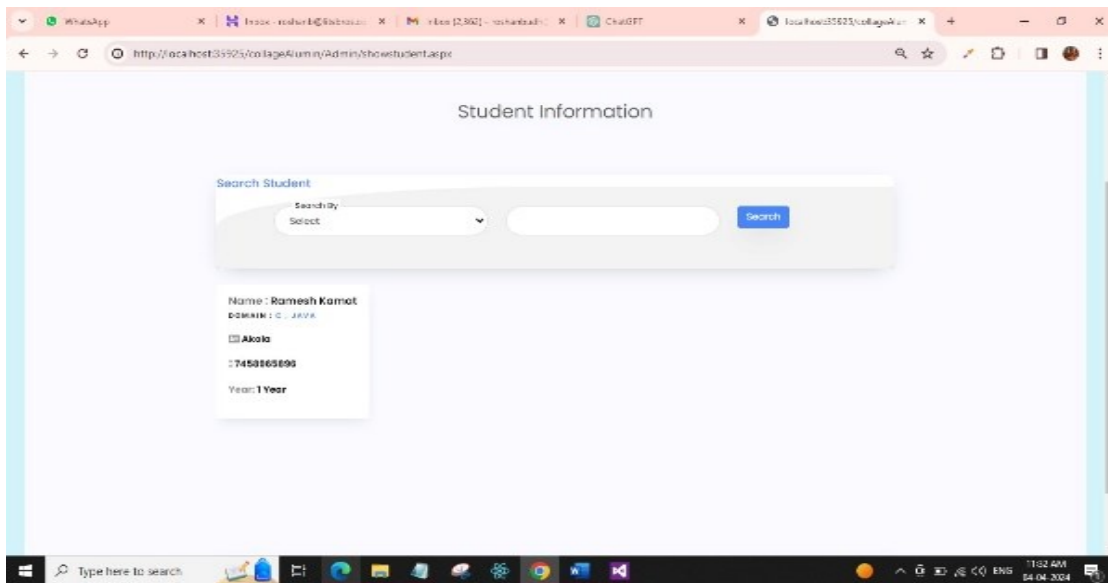
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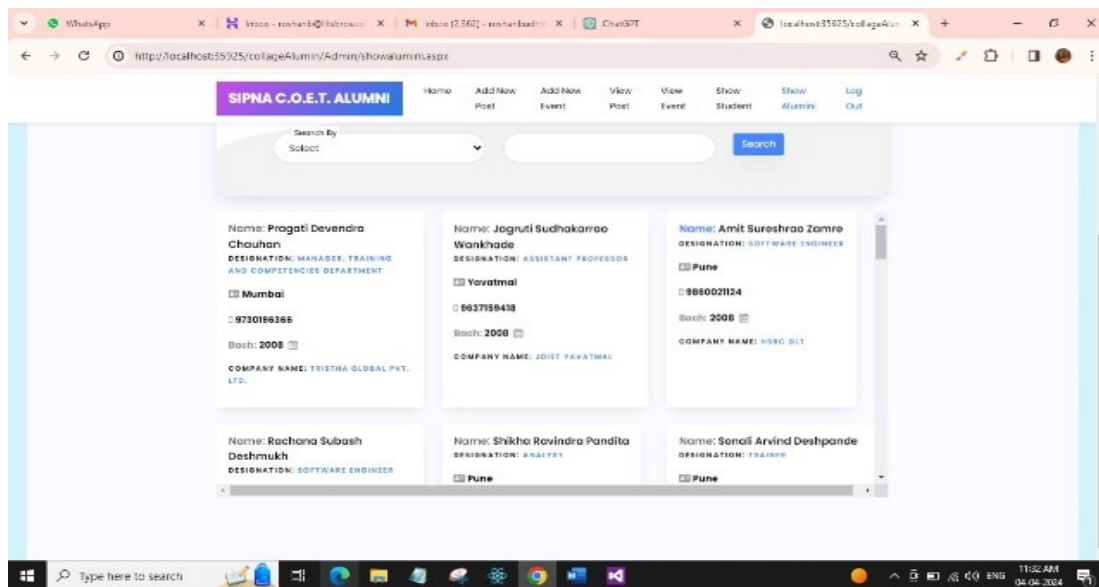
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### 4. Student Information:



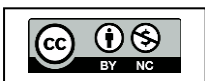
### 5. Alumni Information:



## VII. CONCLUSION

The alumni portal of any university website is very important for every student. The Alumni Portal was created to foster relationships, knowledge sharing and discussion among alumni. The Alumni Portal is dedicated to Union College alumni. The main purpose of this report is to connect former students with current college and university students through former educational institutions where they can

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interact with current students and colleges. Good interaction between students, colleges and students can be achieved by using this system. A good network can be created by current students and students, using this method students can clear their doubts in every field, students' users can share their knowledge, and everything can be used through this application. Thanks to this system, our department can easily obtain information about students in emergencies.

### REFERENCES

- [1] G. Eason, B. Noble, and I.N. Sneddon, "On certain integrals of Lipschitz-Hankel type involving products of Bessel functions," *Phil. Trans. Roy. Soc. London*, vol. A247, pp. 529-551, April 1955.
- [2] J. Clerk Maxwell, *A Treatise on Electricity and Magnetism*, 3rd ed., vol. 2. Oxford: Clarendon, 1892, pp.68-73.
- [3] I.S. Jacobs and C.P. Bean, "Fine particles, thin films and exchange anisotropy," in *Magnetism*, vol. III, G.T. Rado and H. Suhl, Eds. New York: Academic, 1963, pp. 271-350.
- [4] R. Nicole, "Title of paper with only first word capitalized," *J. Name Stand. Abbrev.*, in press.
- [5] Y. Yorozu, M. Hirano, K. Oka, and Y. Tagawa, "Electron spectroscopy studies on magneto-optical media and plastic substrate interface," *IEEE Transaction. J. Magn. Japan*, vol. 2, pp. 740-741, August 1987 [Digests 9th Annual Conf. Magnetics Japan, p. 301, 1982].
- [6] M. Young, *The Technical Writer's Handbook*. Mill Valley, CA: University Science, 1989
- [7] Team F. (2013), "Swot Analysis Strategic Skills", *Free Management-eBooks*, Isan 978-1-62620-951-0.
- [8] Karel K. (2013), "DAAD-Alumni Club Information System", M.S. thesis, Czech Technical University in Prague Faculty of Information Technology Department of Software Engineering, Czech Republic.
- [9] Chiang Y. Ch.; Ahmad F.M. A.; Wong S. L., (2010), "Students' readiness in using mathematics online portal: a preliminary study among undergraduates ", *journal Procedia Social and Behavioural Sciences*, ISSN 677-681.

