



International Journal of Innovative Research in Science Engineering and Technology (IJIRSET)

(A Monthly, Peer Reviewed, Refereed, Scholarly Indexed, Open Access Journal)



Impact Factor: 8.699

Volume 14, Issue 4, April 2025

Alum Connect – Empowering Alumni Connection

Vaishit Rathore, Yug Patidar, Shrina Jain, Sejal Dharpale, Shraddha Sharma

U.G. Student, Department of Computer Science and Engineering, Acropolis Institute of Technology and Research,
Indore, India

U.G. Student, Department of Computer Science and Engineering, Acropolis Institute of Technology and Research,
Indore, India

U.G. Student, Department of Computer Science and Engineering, Acropolis Institute of Technology and Research,
Indore, India

U.G. Student, Department of Computer Science and Engineering, Acropolis Institute of Technology and Research,
Indore, India

Assistant Professor, Department of Computer Science and Engineering, Acropolis Institute of Technology and
Research, Indore, India

ABSTRACT: Alum Connect is a creative idea designed to transform alumni involvement in our university. Using the latest technology, this program aims to create a dynamic network of cooperation and support between alumni and their universities. The project involves creating an extensive online portal that is carefully designed to meet the various requirements of our distinguished graduates. Alum Connect seeks to foster a dynamic community that lives on connection, mentorship, and professional development through innovative features including profile management, career success sharing, networking forums, event planning, and job advertising. This abstract captures the spirit of Alum Connect, an innovative effort positioned to transform alumni interactions and uphold the high standards set by our university.

KEYWORDS: Alumni Management System, Connections, ejs, MongoDB, Node, HTML, CSS, Web Application Introduction

I. INTRODUCTION

The importance of robust alumni networks in today's quickly changing professional world cannot be emphasized. Alum Connect is a crucial solution that arises from the understanding of the vital role that alumni play in our institution's growth and success. By aiming to go beyond conventional limits, this ground-breaking project hopes to herald in a new era of alumni engagement marked by connection, cooperation, and support amongst one another. Alum Connect is more than just a website; it's evidence of our dedication to helping our alumni maintain ties for the rest of their lives. Using this platform, we hope to establish a thriving community where alums can stay in touch with one another, learn about recent changes at the university, and actively support the career advancement of recent graduates.

Alum Connect's technological capabilities are important, but so is its capacity to foster a feeling of community and friendship among graduates. Through networking, mentoring, and knowledge exchange, this program seeks to enable our alumni to use their combined experiences and knowledge for the benefit of the community. All things considered, Alum Connect is a significant advancement in our continuous endeavors to improve ties with former students and cultivate a climate of cooperation and lifelong learning. We extend an invitation to all of our alumni to join us on this transformative journey as we help to shape our institution's future and leave a legacy of greatness that will last for generations.

Volume 14, Issue 4, April 2025**|DOI: 10.15680/IJIRSET.2025.1404650|****II. LITERATURE SURVEY**

In recent years, several alumni engagement platforms like AlmaShine, ThankView, and Ellucian have emerged to enhance communication between graduates and institutions. While these platforms offer features such as contact databases, registration management, and customizable branding, they often lack integrated functionalities like mentorship, knowledge-sharing, and active community engagement. Academic studies by Rubejes-Silva (2021) and Omondi (2017) highlight the need for a more unified and user-centric alumni system that supports career growth and continuous interaction beyond traditional methods like email newsletters or social media groups.

Further research by Rosner & Smerdon (2024) and Barnard & Rensleigh (2008) emphasizes the impact of digital networking and social capital within alumni communities. Scholars like Aliberti et al. (2022) and Gallo (2018) argue for emotionally engaging platforms that align with alumni interests and institutional goals. In response to these insights, Alum Connect is designed as a comprehensive and interactive portal that goes beyond existing systems. It integrates features like profile management, event planning, mentorship, and job sharing—fostering long-term engagement and collaboration among alumni, students, and the university.

III. METHODOLOGY

The "Alum Connect" project will follow a structured methodology to ensure systematic and efficient progress. The project work will be organized into distinct phases, including data gathering, machine learning model development, system design, implementation, testing, and maintenance. This approach will enable us to build a robust recommendation system that aligns with user expectations and preferences. Continuous feedback from users and iterative development will be key components of the project's methodology, ensuring that the system remains adaptable and responsive to evolving user needs.

IV. CONCLUSION

In conclusion, Alum Connect stands as a transformative initiative aimed at redefining alumni engagement and institutional connectivity. It is not merely a web portal but a purposeful bridge that connects the past, present, and future of our university community. By addressing the limitations of existing alumni platforms and incorporating advanced technologies like Node.js, MongoDB, and EJS, Alum Connect provides a seamless, interactive, and personalized experience for alumni, students, and administrators alike.

This platform empowers alumni to remain active contributors to their alma mater by enabling them to share professional achievements, post job opportunities, offer mentorship, and participate in university events. At the same time, it offers current students a window into real-world experiences, career guidance, and networking opportunities, thereby enhancing their readiness for life beyond college. The integration of features such as profile management, discussion forums, virtual event planning, and knowledge sharing makes Alum Connect a comprehensive solution to support lifelong learning and community-building.

REFERENCES

- [1] N. Barudwale, C. Pandey, A. Wagh, G. Bhasme, and M. Khade, "Alumni Connect Forum," International Research Journal of Modernization in Engineering Technology and Science, vol. 5, no. 5, pp. 3171–3175, May 2023. [Online].
- [2] P. P. Sawai, P. V. Chambhare, A. N. Jaysingpure, A. G. Karhe, D. Rathod, and V. S. Gulhane, "Alumni Connect Hub: A Comprehensive Alumni Management System," International Journal of Ingenious Research, Invention and Development, vol. 3, no. 1, pp. 56–63, Feb. 2024. [Online].
- [3] S. M. Rubejes-Silva, "Bridging the Gap Between Universities and Alumni: A User-Centered Evaluation of a Digital Alumni Engagement Platform," Journal of Information Technology and Communications, vol. 3, no. 2, pp. 45–56, Jun. 2021. [Online].
- [4] P. O. Omondi, "Unified Alumni and Students Engagement System," International Journal of Computer Applications, vol. 162, no. 9, pp. 25–30, Mar. 2017. [Online].

- [5] A. Radhika, S. Mayraaj, B. Devisree, B. S. Sai, and B. U. Ganesh, "Alumni Management System," International Journal of Engineering Science and Advanced Technology, vol. 8, no. 1, pp. 50–55, Jan. 2018. [Online].
- [6] J. Liu, "The Effect of Alumni Networks on Corporate Financial Leverage," SSRN Electronic Journal, Mar. 2025. [Online].
- [7] J. Rosner and B. Smerdon, "Using Social Network Analysis to Explore Alumni Networks," Teach For America, Sep. 2024. [Online].
- [8] C. C. Aggarwal and C. Zhai, "A Survey of Text Classification Algorithms," in Mining Text Data, C. C. Aggarwal and C. Zhai, Eds. Boston, MA: Springer, 2012, pp. 163–222. Knowledge Center
- [9] D. Aliberti, R. Bissola, B. Imperatori, and F. Mochi, "Growing Brand Ambassadors: The Role of Affective Commitment, Person-Organization Fit and Networking Behaviors in the Context of Alumni Networks," Impresa Progetto, vol. 2022, no. 1, pp. 1–18, 2022. Knowledge Center
- [10] Z. Barnard and C. Rensleigh, "Investigating Online Community Portals for Enhanced Alumni Networking," The Electronic Library, vol. 26, no. 4, pp. 433–445, 2008. Knowledge Center
- [11] H. Chi, E. L. Jones, and L. P. Grandham, "Enhancing Mentoring Between Alumni and Students via Smart Alumni System," Procedia Computer Science, vol. 9, pp. 1390–1399, 2012. Knowledge Center
- [12] M. L. Gallo, "How Are Graduates and Alumni Featured in University Strategic Plans? Lessons from Ireland," Perspectives: Policy and Practice in Higher Education, vol. 22, no. 3, pp. 92–97, 2018. Knowledge Center
- [13] K. Ebert, L. Axelsson, and J. Harbor, "Opportunities and Challenges for Building Alumni Networks in Sweden: A Case Study of Stockholm University," Journal of Higher Education Policy and Management, vol. 37, no. 2, pp. 252–262, 2015. Knowledge Center
- [14] S. Hall, "Educational Ties, Social Capital and the Translocal (Re) Production of MBA Alumni Networks," Global Networks, vol. 11, no. 1, pp. 118–138, 2011.



INTERNATIONAL
STANDARD
SERIAL
NUMBER
INDIA



INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH

IN SCIENCE | ENGINEERING | TECHNOLOGY

 9940 572 462  6381 907 438  ijirset@gmail.com



www.ijirset.com

Scan to save the contact details