

Base Paper: Alumni Connection Web Application

1. Title:

Alumni Connection Web Portal for College Graduates

2. Abstract:

The *Alumni Connection Web Application* aims to build a digital bridge between alumni and their alma mater. This platform provides a centralized system for alumni to register, share professional updates, attend events, and contribute to the growth of current students through mentorship or networking. The system fosters lifelong connections among graduates while keeping them engaged with institutional developments.

3. Introduction:









Alumni represent a valuable asset to any educational institution. They serve as a testament to the institution's quality and legacy and often become influential figures in various sectors. However, many institutions lack a structured platform for ongoing engagement with their graduates.

The *Alumni Connection App* addresses this gap by offering an interactive, accessible website where former students can stay connected with each other and the institution. It provides essential tools such as profile management, event participation, alumni directory, and communication options. This platform ensures that even after graduation, alumni remain a vital part of the community.

4. Objectives:

- To create a centralized alumni database accessible to all members.
- To allow alumni to share professional and personal updates.
- To facilitate networking and mentorship opportunities.
- To improve engagement through events, announcements, and updates.

5. Features:

-  **Alumni Registration/Login**
-  **Profile Creation & Update**
-  **Announcements & Newsfeed**
-  **Event Calendar**
-  **Alumni Directory & Search**
-  **Forum/Discussion Section** (*future upgrade*)
-  **Gallery and Memories Section**
-  **Contact and Feedback Form**

6. Technology Stack:

Layer	Tools Used
Front-End	HTML, CSS, JavaScript
Styling	Bootstrap (Optional)
Back-End	Python / Node.js (<i>future</i>)
Database	MySQL / Firebase (<i>future</i>)
Hosting	Localhost / GitHub Pages (<i>dev</i>)

7. Workflow:

1. User visits the landing page.
2. Can browse About Us, Gallery, Contact.
3. Registered alumni can log in and manage their profile.
4. Admin can manage announcements and events.

8. Future Scope:

The Alumni Connection App is a scalable platform, and future enhancements could include:

- ☒ **Mobile App version** for Android/iOS.
- ☒ **Real-time chat or messaging** between users.
- ☒ **Social media integration** (LinkedIn, Facebook).
- ☒ **Donation and fundraising module** for alumni contributions.
- ☒ **Placement portal** for job postings and referrals.
- ☒ **AI-based alumni recommendations** based on interests or industry.

9. Conclusion:

The Alumni Connection App serves as a foundational platform to engage past graduates meaningfully. With room for upgrades and rich features, this app can evolve into a powerful community network over time.