

Introduction :

We envision the development of a comprehensive web application tailored to the needs of the CUET community. This platform will serve as a centralized hub where CUET alumni, possessing a wealth of knowledge and experience, can connect with current students seeking academic assistance. Our objective is to facilitate seamless interactions and educational support within the CUET ecosystem.

Motivation:

The motivation behind the CUET Alumni Web Application stems from the desire to leverage the extensive expertise of CUET alumni. By creating a dedicated platform, we aim to facilitate a seamless connection between alumni and current students, enabling knowledge sharing, mentorship, and academic support. This initiative seeks to foster a strong sense of community and collaboration within CUET, enhancing the overall learning experience and preparing students for successful futures.

Uses case:

The CUET Alumni Web Application serve as a central hub for networking, career guidance, and collaboration. It enables alumni to offer mentorship to current students, facilitates job opportunities, and supports knowledge exchange. This platform empowers CUET's academic ecosystem, fostering growth and success for both students and alumni.

Alumni :

- **Alumni Authentication** : As we build this platform for only CUET students , we've to verified whether this registered user is the student of CUET or not. As verifying email addresses by sending mail is complicated and paid process , we've decided to authenticate the user in a different way. To complete the registration process as a alumni , they've to give their CUET student ID number . After filling the form their registration won't be completed until the admin approval . Then Admin check the ID number as well as email account before approving someone. This is how we can authenticate .

- **Alumni Networking** : The platform allows alumni to connect with each other, fostering a strong and supportive network.

- **Career Guidance**: Alumni can offer career advice, job market insights, and guidance to current students, helping them make informed career choices.

- **Mentorship Programs** : Alumni can act as mentors, providing valuable insights, coaching, and professional guidance to current students.

- **Job Portals** :The platform provides job listings and opportunities exclusively for CUET alumni, aiding them in their professional growth.

- **Project Collaboration** :Alumni and current students can collaborate on academic or professional projects, enhancing learning and fostering innovation.
- **Knowledge Exchange** :A platform for sharing academic resources, research findings, and industry expertise among alumni and students, promoting intellectual growth and collaboration.

Required technologies:

Frontend :

- 1) HTML.
- 2) CSS.
- 3) Tailwind CSS.
- 4) Bootstrap.
- 5) React JS.

Backend :

- 1) Node JS.
- 2) Express JS.
- 3) MongoDB.

Conclusion:

The CUET Alumni Web Application aims to create a strong and dynamic network of alumni, fostering collaboration, mentorship, and career development. By providing a platform for alumni to engage with current students and share experiences, expertise, and opportunities, we envision a thriving community that contributes positively to the academic and professional growth of each member. This application holds immense potential in bridging the gap between alumni and the university, amplifying the spirit of togetherness and knowledge sharing. Through continuous improvement and expansion, we foresee an impactful platform that continues to serve CUET and its alumni for years to come.